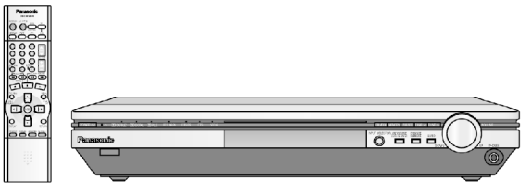
ORDER NO. MD0303093C1
A1

Service Manual

AV Control Receiver

SA-XR45PP

Color
(S).....Silver Type
(K).....Black Type



SPECIFICATIONS

Specification

● AMPLIFIER SECTION

Rated minimum sine wave RMS power output

20 Hz-20 kHz both channels driven

0.3 % total harmonic distortion	**100 W per channel (6 Ω)**

1 kHz continuous power output both channels driven

0.3 % total harmonic distortion	**105 W per channel (6 Ω)**

Total harmonic distortion

rated power at 20 Hz-20 kHz	**0.3 % (6 Ω)**

Power output each channel driven

0.9 % total harmonic distortion at 1kHz

Front (L/R)	**100 W (6 Ω)**
Center	**100 W (6 Ω)**
Surround (L/R/BACK)	**100 W (6 Ω)**

Load impedance

Front (L/R)	**6-8 Ω**
Center	**6-8 Ω**
Surround (L/R/BACK)	**6-8 Ω**

Frequency response

CD, TV, DVD/DVD 6CH, DVR/VCR, TAPE	**10 Hz-44 kHz, ±3 dB**

Input sensitivity

CD, TV, DVD/DVD 6CH, DVR/VCR, TAPE	27 mV (200mV, IHF '66)
Input impedance	
CD, TV, DVD/DVD 6CH, DVR/VCR, TAPE	22 kΩ
S/N (IHF A)	
TV, DVD, DVR/VCR (Digital Input)	85 dB (98dB, IHF '66)
Tone controls	
BASS	50 Hz, +10 to -10 dB
TREBLE	20 kHz, +10 to -10 dB
Subwoofer frequency response (-6 dB)	7 Hz-200 Hz
Digital input	
Optical (DVD: Fs 192 kHz Ready)	3
Coaxial	1
Digital output	
Optical	1

● FM TUNER SECTION

Frequency range	87.9-107.9 MHz
Sensitivity	11.2 dBf (2 μV, IHF '58)
50 dB quieting sensitivity	
MONO	18.3 dBf (4.5 μV, IHF '58)
STEREO	38.3 dBf (45 μV, IHF '58)
Total harmonic distortion	
MONO	0.2%
STEREO	0.3%
S/N	
MONO	73 dB
STEREO	67 dB
Frequency response	20 Hz-15 kHz, +1 dB, -2 dB
Alternate channel selectivity	65 dB
Capture ratio	1.5 dB
Image rejection at 98 MHz	40 dB
Spurious response rejection at 98 MHz	75 dB
AM suppression	50 dB
Stereo separation	
1 kHz	40 dB
10 kHz	30 dB
Antenna terminal	75 Ω (unbalanced)

● AM TUNER SECTION

Frequency range	530-1710 kHz
Sensitivity	20 μV, 330 μV/m
Selectivity	55 dB
IF rejection at 1000 kHz	50 dB

● VIDEO SECTION

Output voltage at 1V input (unbalanced)	1±0.1 Vp-p
Maximum input voltage	1.5 Vp-p
Input/output impedance	75 Ω
S-Video	
Input	TV, DVD, DVR/VCR
Output	TV MONITOR
Component Video	
Input	TV, DVD
Output	TV MONITOR

● GENERAL

Power supply	AC 120 V, 60 Hz
Power consumption	130 W
Dimensions (W × H × D)	430 × 74 × 375 mm (16-15/16" × 2-29/32" × 14-3/4")
Mass	4.2 kg (9.2 lb.)

● DIN POWER

1 kHz, T.H. D1%	2 x 100 W (6 Ω)

Power consumption in standby mode: 1 W

Notes:

1. Specifications are subject to change without notice. Mass and dimensions are approximate.
2. Total harmonic distortion is measured by the digital spectrum analyzer.

Panasonic

1. SAFETY PRECAUTIONS

1.1. GENERAL GUIDELINES

1. When servicing. observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as

insulation barriers, insulation papers shields are properly installed.

3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

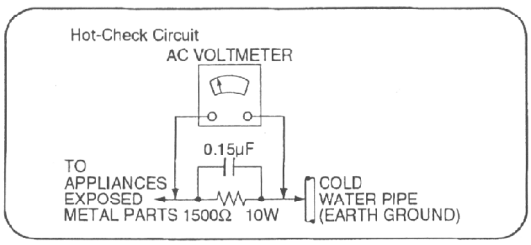
(This “Safety Precaution” is applied only in U.S.A.)

1. Before servicing, unplug the power cord to prevent an electric shock.
2. When replacing parts, use only manufacturer’s recommended components for safety.
3. Check the condition of the power cord. Replace if wear or damage is evident.
4. After servicing, be sure to restore the lead dress, insulation barriers, insulation papers, shields, etc.
5. Before returning the serviced equipment to the customer, be sure to make the following insulation resistance test to prevent the customer from being exposed to a shock hazard.

1.1.1. LEAKAGE CURRENT COLD CHECK

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between 1M Ω and 5.2 Ω . / When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

Fig. 1



1.1.2. LEAKAGE CURRENT HOT CHECK (See Figure 1.)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 1.5kΩ, 10 watts resistor, in parallel with a 0.15 μF capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

2. Handling the Lead Solder

2.1. About lead free solder (PbF)

Distinction of PbF P.C.B. :

P.C.B.s (manufactured) using lead free solder will have a PbF stamp on the P.C.B.

Caution:

- Pb free solder has a higher melting point that standard solder; Typically the melting point is 50 - 70°F (30 - 40°C) higher. / Please use a high temperature soldering iron. In case of the soldering iron with temperature control, please set it to 700 ± 20°F (370 ± 10°C).
- Pb free solder will tend to splash when heated too high (about 1100°F/600°C).
- When soldering or unsoldering, please completely remove all of the solder on the pins or solder area, and be sure to heat the soldering points with the Pb free solder until it melts enough.

3. Before Repair and Adjustment

1. Turn off the power supply. Using a 10Ω, 10W resistor, connect both ends of power supply capacitors (C537, C538, C707, C717,

C718, C765, C768, C769, C770, C771, C776, C894, C907) in order to discharge the voltage.

2. Before turning the power supply on, after completion of repair, slowly apply the primary voltage by using a power supply voltage controller to make sure that the consumed current at 60 Hz in NO SIGNAL mode should be shown below with respectto supply voltage 120 V.

Power supply voltage	AC 120V	
Consumed current	60 Hz	400~1200 mA

4. About the Protection Circuitry

The protection circuitry may have operated if either of the following conditions is noticed:
***No sound is heard when the power is supplied.**
***Sound stops during a performance.**
The functions of this circuitry is to prevent circuitry damage, for example, the positive and negative speaker connection wires are "shorted", or if speaker systems with an impedance less than the indicated rated impedance of this unit are used.
If this occurs, follow the procedure outlined below:

1. Press the STANDBY⏻/ON button, switch to STANDBY mode.

2. Determine the cause of the problem and correct it.

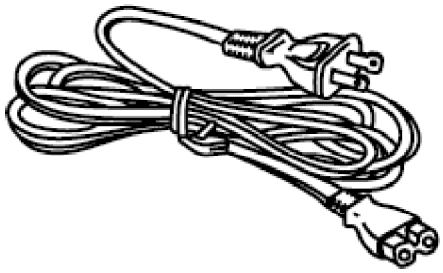
3. Press the STANDBY⏻/ON button once again, supply the power.

Note:

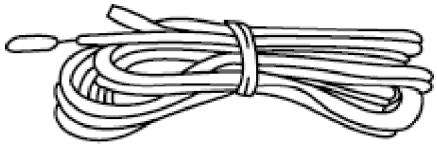
When the protection circuitry functions, the unit will not operate unless the STANDBY⏻/ON button is first switched STANDBY and then ON again.

5. Accessories

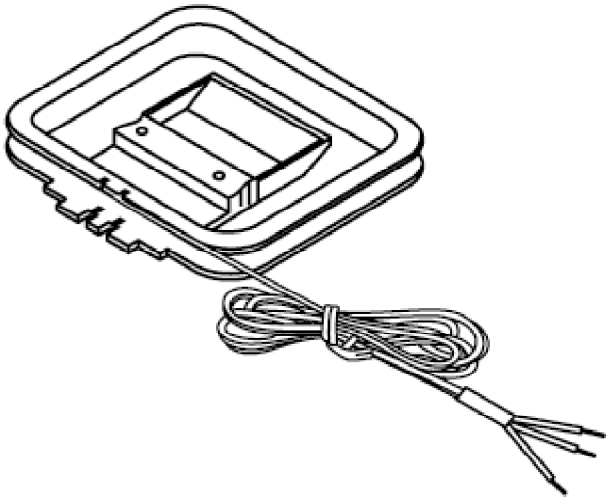
AC power supply cord.....1 pc



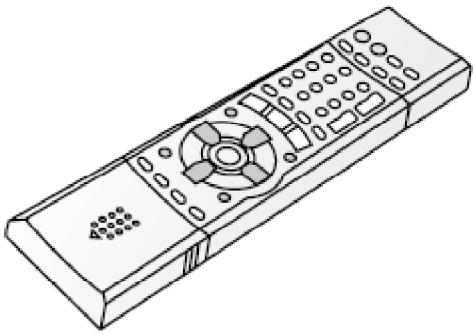
FM indoor antenna / .....1 pc



AM loop antenna / .....1 pc



Remote control / .....1 pc



6. Operation Procedures

7. Disassembly and Main Component Replacement Procedures and Operational Check

“ATTENTION SERVICER”

Some chassis components may have sharp edges.
Be careful when disassembling and servicing.

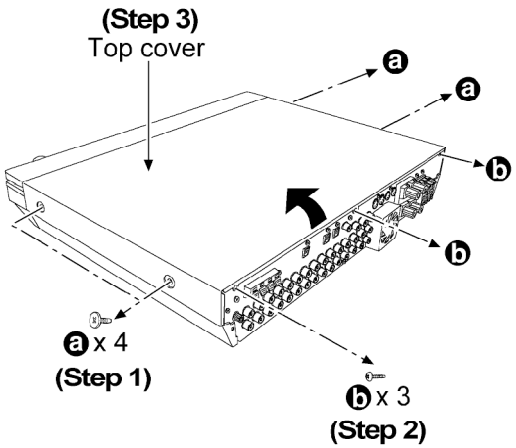
- This section describes procedures for checking the operation of the major printed circuit boards and replacing the main components.

- For reassembly after operation checks or replacement, reverse the respective procedures. Special reassembly procedures are described only when required.

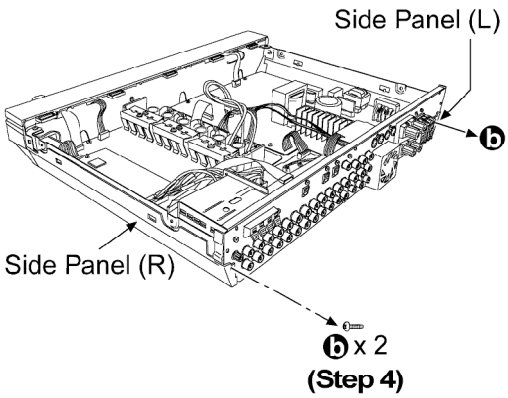
Contents

- Checking for the Main PCB and DSP PCB
- Checking for the Input PCB
- Checking for the Power Supply PCB

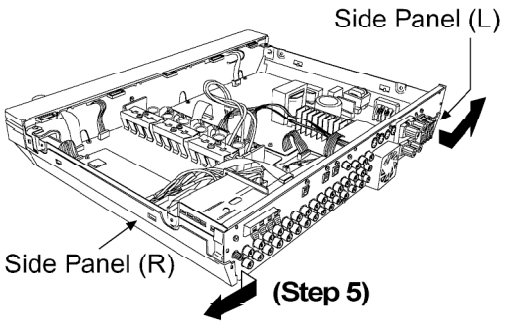
7.1. Checking for the Main P.C.B. and DSP P.C.B.



Steps 1 and 2 : Remove all the screws.
Step 3 : Remove the top cover.

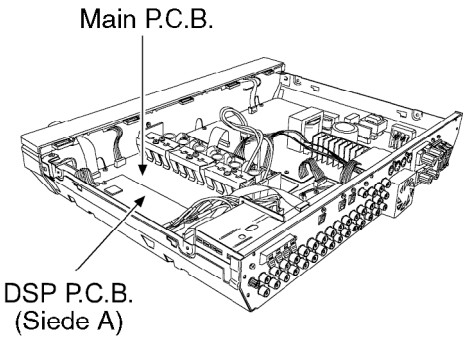


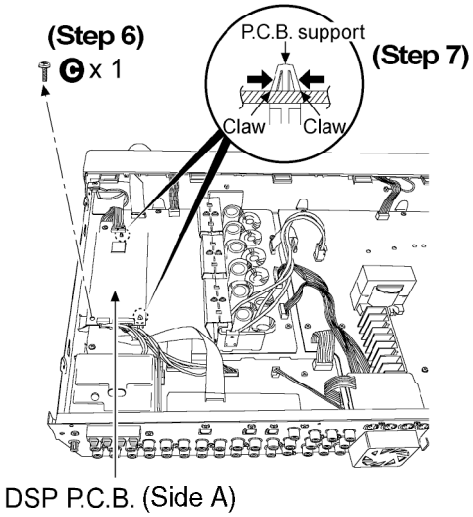
Step 4 : Remove all the screws.



Step 5 : Slide the side panel (L), (R) and then remove them as arrows shown above.

- Check the DSP P.C.B. (Side A) as shown below.

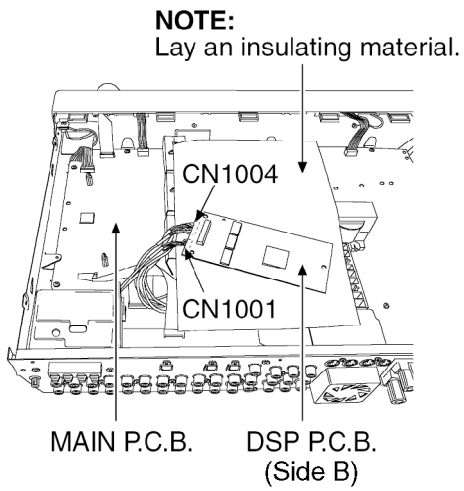




Step 6 : Remove the screws.

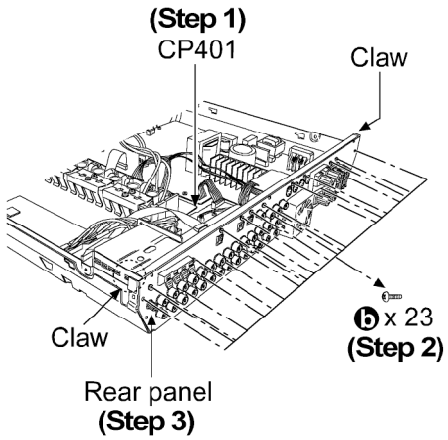
Step 7 : Release the claws of P.C.B. support and remove the DSP P.C.B.

- Check the DSP P.C.B. (Side B) and main P.C.B. as shown below.

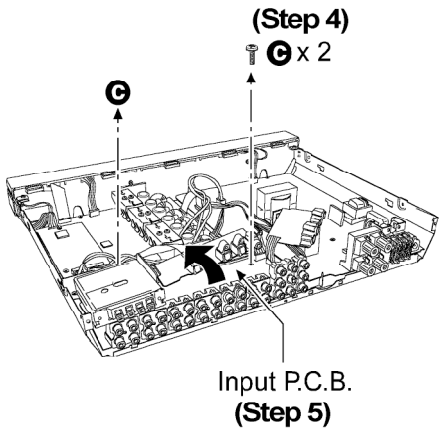


7.2. Checking for the Input P.C.B.

- Follow the (Step 1) - (Step 5) of item 7.1.

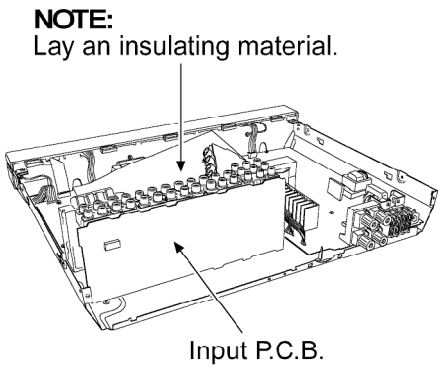


Step 1 : Remove the connector (CP401).
Step 2 : Remove all the screws.
Step 3 : Remove the rear panel.



Step 4 : Remove all the screws.
Step 5 : Upset the Input P.C.B.

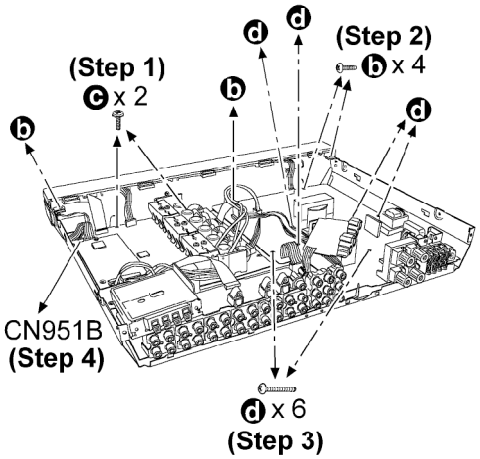
- Check the Input P.C.B. as shown below.



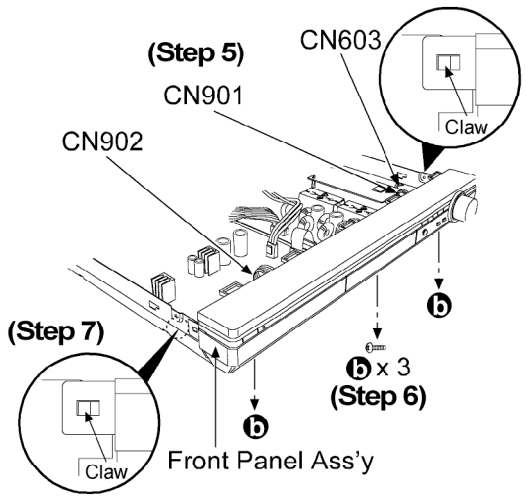
7.3. Checking for the Power Supply P.C.B.

- Follow the (Step 1) - (Step 7) of item 7.1.

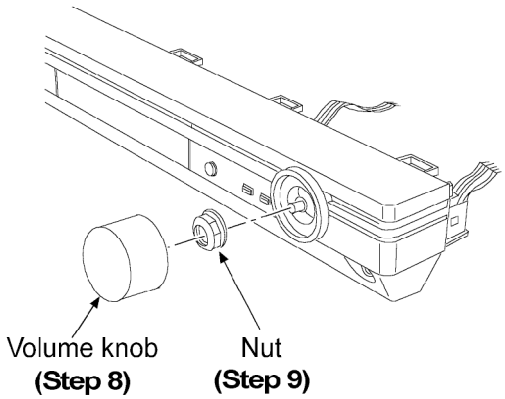
- Follow the (Step 1) - (Step 3) of item 7.2.



Steps 1 - 3 : Remove all the screws.
Step 4 : Remove the FFC from the connector (CN951B).

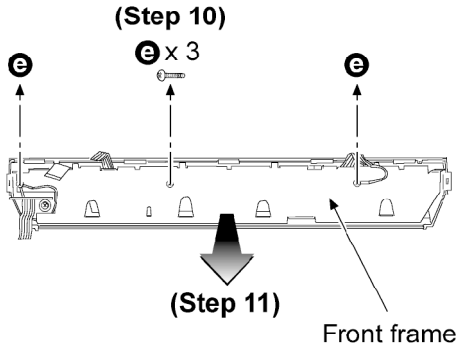


Step 5 : Remove all the connectors (CN603, CN901 and CN902).
Step 6 : Remove all the screws.
Step 7 : Release the 2 claws and remove the front panel ass'y.

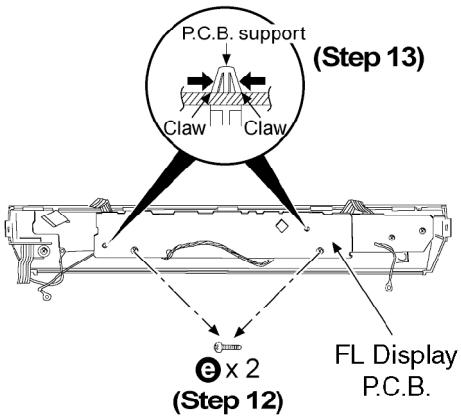


Step 8 : Remove the volume knob.

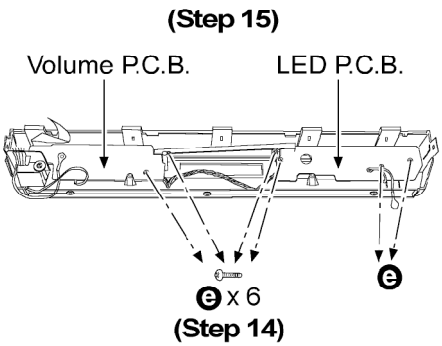
Step 9 : Remove the nut.



Step 10 : Remove all the screws.
Step 11 : Remove the front frame as arrow shown above.

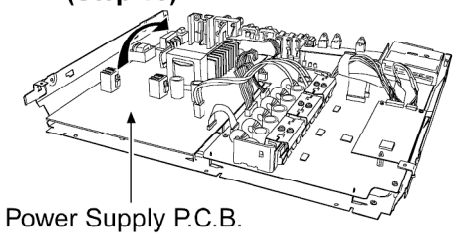


Step 12 : Remove all the screws.
Step 13 : Release the claws of the P.C.B. support and remove the FL Display P.C.B.



Step 14 : Remove all the screws.
Step 15 : Remove the Volume P.C.B. and LED P.C.B.

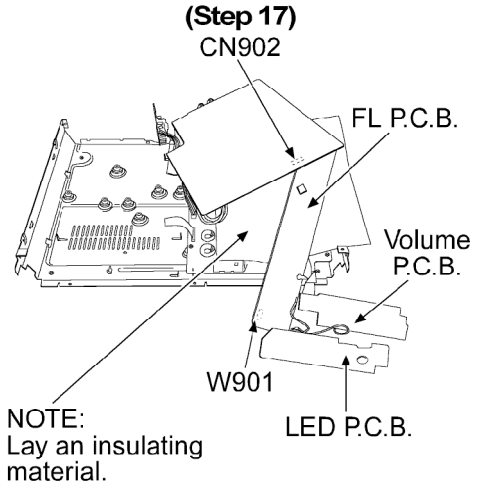
(Step 16)



Step 16 : Upset the Power Supply P.C.B. as arrow shown above.

- Check the Power Supply P.C.B. as shown below.

(Step 17)



Step 17 : Connect back the connectors (CN902 and W901).

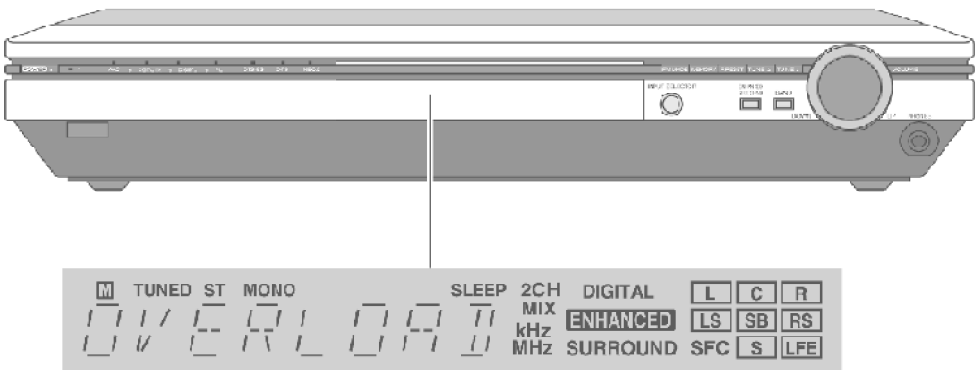
8. Self Diagnosis Display Function

This unit is equipped with the self diagnosis display function, which alarms faulty operation with error code. Use this function during servicing.

8.1. Automatically Displayed Error Codes

An error code automatically appears on the display (LCD) when faulty operation is detected. Refer to Fig. 8.1.

<Fig.8.1>



8.2. Display Details

Refer to the following table.

LCD display	Symptom	Cause and Remedy
OVERLOAD	Speaker short, amplifier failure	Speaker short and failure in power amplifier, pre-amplifier circuits. Check for faulty parts and replace with new parts if necessary.
	Humidity protection activated	
FANLOCK	The fan stops suddenly.	Failure in fan or fan control circuits. Check for faulty parts and replace with new parts if necessary.
F70	Communication error between sub micro processor and its peripheral LSI	Failure sub-micro processor ar its peripherals LSI. Check for faulty parts and replace with new parts if necessary.
F76	When the power is turned on, the unit power automatically turns off; the power cannot be turned on.	Failure in the power circuit system of the unit. This may happen when the direct curren electricity is supplied to speak terminals. Check for the above and replace with new parts if necessary.

8.3. Activating Self Diagnosis Function (Servicing Mode)

This mode can be used during servicing.

1. **Plug the AC adapter to the power source. Press and hold down the INPUT SELECTOR button and the PRESET button, and then press the POWER button.**
2. **The message, DISPLAY appears on the display for three seconds, and then disappears.**
3. **When the TUNING DOWN button is pressed, the current program filing number (ex. "M45_***" for MA123_45) appears. The *** digit indicates the ROM checksum used for ROM collection, and if the unit is not loaded with ROM, "NO" appears.**
   When the TUNING UP button is pressed, the sub micro computer program filing number (ex. S90_*" for MA678_90) appears. The *** digit indicates the ROM checksum used for ROM collection, and if the unit is not loaded with ROM, "NO" appears.**
4. **When the MEMORY button on the remote controller, the function**

is switched to "Input Inspection Mode", which output analog input signals at L channel of VCR analog input to all channels.

8.4. Returning to Normal Display

Press the POWER button on the unit to exit the function. The power is turned off.

9. Type Illustration of IC's, Transistors and Diodes

10. Schematic Diagram

(All schematic diagrams may be modified at any time with the development of the new technology)

Note:

S941

: POWER switch

S961

: BAND switch

S962

: MEMORY switch

S963

: PRESET switch

S964

: TUNE DOWN switch

S965

: TUNE UP switch

S966

: SELECTOR switch

S967

: RE-MASTER switch

S968

: ENHANCE SURROUND switch

S969

: FM MODE switch

- The voltage value and waveforms are the reference voltage of this unit measured by DC electronic voltmeter (high impedance) and oscilloscope on the basis of chassis. Accordingly, there may arise some error in voltage values and waveforms depending upon the

internal impedance of the tester or the measuring unit.

- Importance safety notice :

Components identified by ⚠ mark have special characteristics important for safety. Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used. When replacing any of components, be sure to use only manufacturer's specified parts shown in the parts list.

Caution !

IC, LSI and VLSI are sensitive to static electricity.

Secondary trouble can be prevented by taking care during repair.

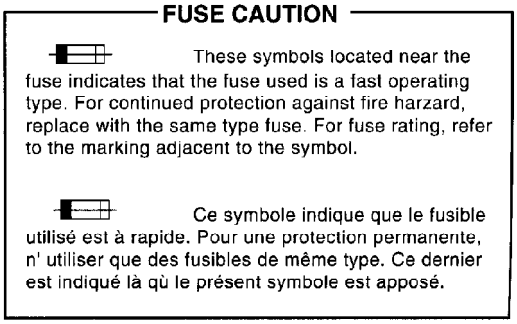
- Cover the parts boxes made of plastics with aluminium foil.

- Put a conductive mat on the work table.

- Ground the soldering iron.

- Do not touch the pins of IC, LSI or VLSI with fingers directly.

CAUTION: FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH SAME TYPE F1 8A , 125V FUSE.
RISK OF FIRE-REPLACE FUSE AS MARKED.


FUSE CAUTION
These symbols located near the fuse indicates that the fuse used is a fast operating type. For continued protection against fire harzard, replace with the same type fuse. For fuse rating, refer to the marking adjacent to the symbol.
Ce symbole indique que le fusible utilisé est à rapide. Pour une protection permanente, n' utiliser que des fusibles de même type. Ce dernier est indiqué là qù le présent symbole est apposé.

11. Printed Circuit Board Diagram

12. Block Diagram

13. Wiring Connection Diagram

14. Terminal Function of ICs

14.1. IC801 (C2BBGF000440): System Control (Micro P)

Pin NO.	Terminal Name	I/O	Function
1	LED_CK	O	LED Driver Control : Clock
2	LED_DT	I	LED Driver Control : Data
3	LED_ST	I/O	LED Driver Control : Strobe
4	E_DT	O	EEPROM Control : Data
5	E_CK	O	EEPROM Control : Clock
6	E_CS	O	EEPROM Control : Chip Select
7	REQS	I/O	Communication to Sub up : Request from Sub up
8	REQM	I/O	Communication to Sub up : Request from Main up
9	M_CK	O	Communication to Main up : Clock
10	M2S_DT	O	Communication to Main up : Serial Output
11	S2M_DT	I	Communication to Main up : Serial Input
12	F_BUSY	I/O	To rewrite up ROM : BUSY
13	F_CK	O	To rewrite up ROM : CLOCK
14	V_A	I/O	Video Selector Control : A
15	F_DA	I/O	To rewrite uP ROM : DATA
16	V_B	I/O	Video Selector Control : B
17	REMOTE	I	Remote Control Signal Input
18	CNVSS / (VPP)	-	12V supply to rewrite Flash ROM
19	RESET	-	Reset Input
20	AC__SYNC	-	Power Faillure Detection
21	FAN_LOCK	-	FAN LOCK Detection
22	XIN	-	10MHz Connect to Oscillator
23	XOUT	-	10MHz Connect to Oscillator
24	VSS	-	Connect to GND
25	MT_ALL	O	MUTE for all channel
26	MT_C/SR	O	MUTE for C/SURR
27	MT_SUB	O	MUTE for SUBWFR
28	MT_HP	O	MUTE for Headphones
29	OSD_CK	O	OSD Control : Clock
30	OSD_DT	I	OSD Control : Data
31	OSD_ST	I/O	OSD Control : Strobe

Pin NO.	Terminal Name	I/O	Function
32	DC_DET	I	DC Short Detection
33	INI_OUT	O	Output for Initialize Setting
34	POWER_RLY	-	Power Relay Control (H ; ON)
35	M_RESET	O	RESET signal for sub up
36	FAN_CTRL	O	Cooling Fan Control Output
37	HP_SW	I	Headphone Detection
38	MT_2ND	O	MUTE for 2nd Audio
39	RDS_CK	O	RDS IC Control : Clock
40	RDS_DI	I	RDS IC Control : Data
41	INIT_IN1	I	Initialize Setting Input 1
42	INIT_IN2	I	Initialize Setting Input 2
43	TUN_SD	I	SD Input for Tuner
44	TUN_DI/ST	I	IF data/Stero detect input for tuner
45	TUN_CE	O	CE Output for tuner
46	SEL/TN/ / DA_CK	O	Input Selector, Tuner and D/ A Control : Clock
47	SEL/TN/ / DA_DT	O	Input Selector, Tuner and D/ A Control : Data
48	SEL_ST	O	Input Selector Control : Strobe
49	F_OE	O	To rewrite up ROM : ENABLE
50	FL_CK	O	FL Driver Control : Clock
51	FL_DT	I	FL Driver Control : Data
52	FL_ST	I/O	FL Driver Control : Strobe
53	AMP_RESET	O	TAS5036 Hardware Reset
54	DBL_SPD	I/O	Sample Rate Double Speed Control to the modulator IC
55	A/D_ATT	I/O	A/D attenuator Control
56	D/A_ST	I/O	D/A Control : Strobe
57	VCC	-	+5V power supply
58	VREF	-	VCC Connected
59	AVSS	-	GND Connected
60	THRM_DET	I	Thermal Warning Detection
61	SHORT_DET	I	Output Short Detection
62	SPKR_IN	O	Speaker Output Voltage Input for FAN Control
63	KEY2	I	Key input 2
64	KEY1	I	Key input 1

15. Parts Location and Replacement Parts List

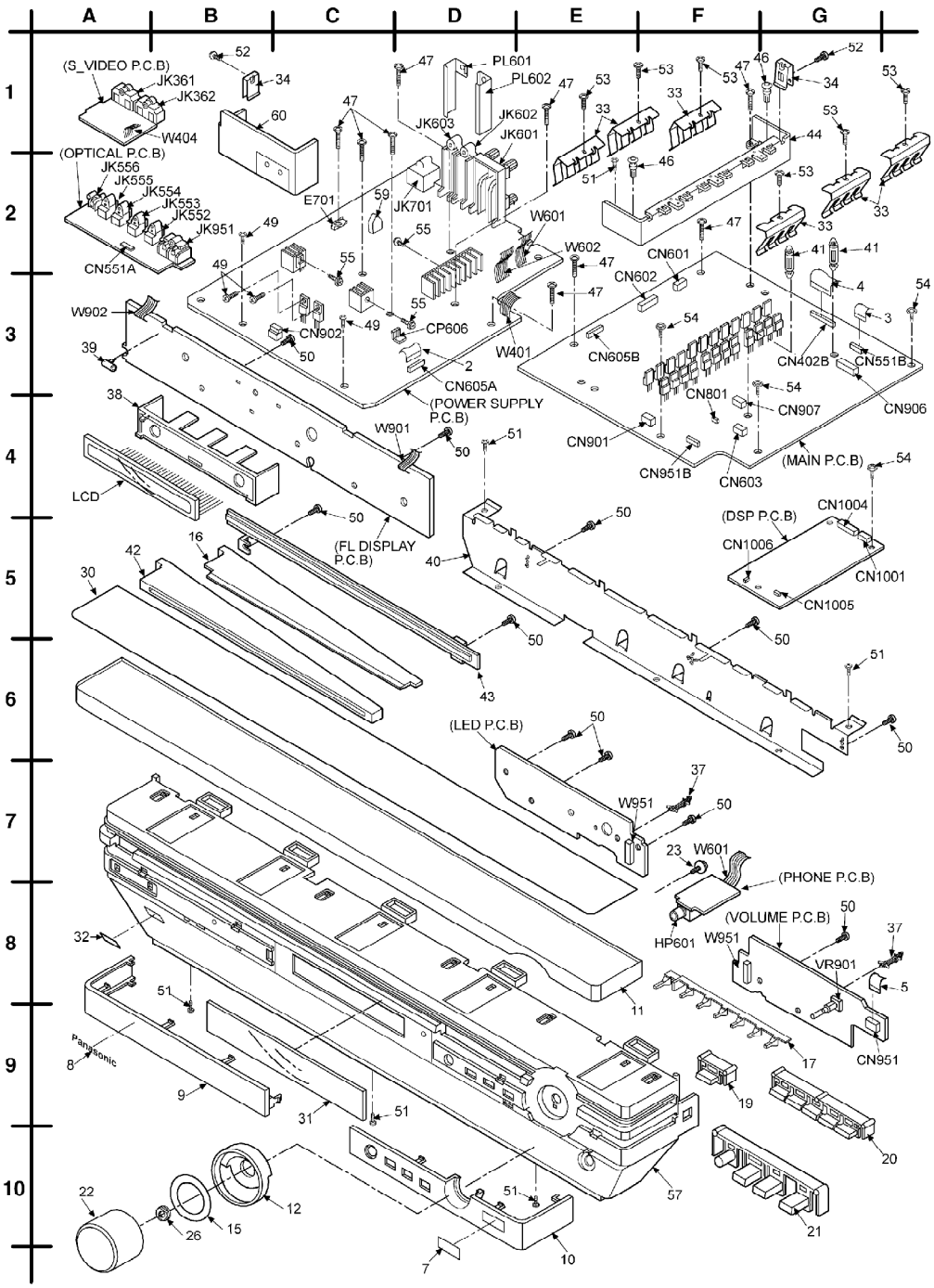
Notes:

- **Important safety notice:**
  Components identified by ⚠ mark have special characteristics important for safety.
  Furthermore, special parts which have purposes of fire-retardent (resistors), high-quality sound (capacitors), low noise (resistors), etc are used.
  When replacing any of these components, be sure to use only manufacturer's specified parts shown in the parts list.
- **The parenthesized indications in the Remarks columns specify the areas or colour. (Refer to the cover page for area or colour)**
  Parts without these indications can be used for all areas.
- **Capacitor values are in microfarads (μ F) unless specified otherwise, P= Pico-farads (pF), F= Farads.**
- **Resistance values are in ohms, unless specified otherwise, 1K= 1,000 (OHM).**
- **The marking (RTL) indicates that the Retention Time is limited for this items. After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of a availability is dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.**
- **[M] Indicates in the Remarks columns indicates parts supplied by MESA.**
- **Reference for O/I book languages are as follows:**

Ar :	Arabic	Du :	Dutch	It :	Italian	Sp :	Spanish
Cf :	Canadian French	En :	English	Ko :	Korean	Sw :	Swedish
Cz :	Czech	Fr :	French	Po :	Polish	Co :	Traditio Chinese
Da :	Danish	Ge :	German	Ru :	Russian	Cn :	Simplifie Chinese

15.1. Cabinet Parts Location

15.1.1. Cabinet


A
B
C
D
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G
1
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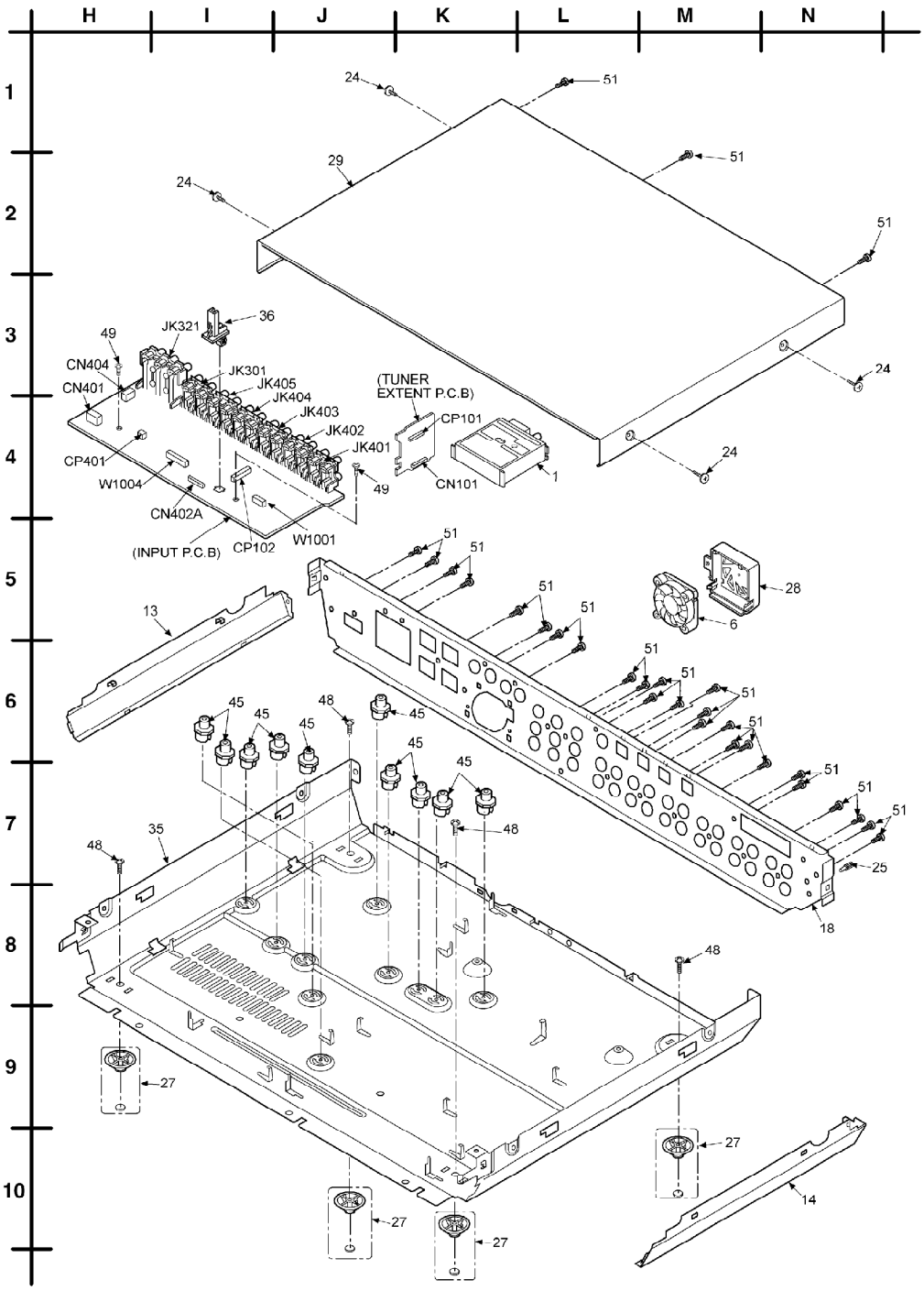
3
4
5
6
7
8
9
10
(S_VIDEO P.C.B)
JK361
JK362
W404
(OPTICAL P.C.B)
JK556
JK555
JK554
JK553
JK552
JK951
CN551A
W902
CN902
CP606
CN605A
(POWER SUPPLY P.C.B)
W901
LCD
(FL DISPLAY P.C.B)
PL601
PL602
JK603
JK602
JK601
JK701
E701
W601
W602
W401
CN601
CN602
CN605B
CN801
CN907
CN402B
CN551B
CN906
CN901
CN951B
CN603
(MAIN P.C.B)
(DSP P.C.B)
CN1004
CN1006
CN1001
CN1005
(LED P.C.B)
W951
(PHONE P.C.B)
HP601
(VOLUME P.C.B)
VR901
CN951
Panasonic



15.1.2. Cabinet Parts List

Ref. No.	Part No.	Part Name & Description	Remarks
		CABINET AND CHASSIS	
1	RAN0001MM-2	TUNER	[M]
2	REE1224	15P FFC WIRE	[M]
3	REE1225	14P FFC WIRE	[M]
4	REE1226	21P FFC WIRE	[M]
5	REE1227	14P FFC WIRE	[M]
6	REM0104	SMALL FAN	[M]
7	RGB0144-K	DIGITAL BADGE	[M]K
7	RGB0144-N	DIGITAL BADGE	[M]S
8	RGB0145-N	PANASONIC BADGE	[M]
9	RGK1611A-K	FRONT ORNAMENT L	[M]K
9	RGK1611A-S	FRONT ORNAMENT L	[M]S
10	RGK1612A-K	FRONT ORNAMENT R	[M]K
10	RGK1612A-S	FRONT ORNAMENT R	[M]S
11	RGK1613-K	TOP ORNAMENT	[M]K
11	RGK1613-S	TOP ORNAMENT	[M]S
12	RGK1614-S	VOLUME RING	[M]
13	RGK1615-K	SIDE ORNAMENT L	[M]
14	RGK1616-K	SIDE ORNAMENT R	[M]
15	RGK1683-K	RING SHEET	[M]
16	RGL0618-Q	LIGHT GUIDE	[M]
17	RGL0621-Q	LED LIGHT GUIDE	[M]
18	RGR0335B-A	REAR PANEL	[M]
19	RGU2177-H	POWER BUTTON	[M]K
19	RGU2177-K	POWER BUTTON	[M]S
20	RGU2178-H	TUNER BUTTON	[M]K
20	RGU2178-K	TUNER BUTTON	[M]S
21	RGU2179-S	SELECTOR BUTTON	[M]
22	RGW0396-K	VOLUME KNOB	[M]K
22	RGW0396-S	VOLUME KNOB	[M]S
23	RHD26016	SCREW (PHONE JACK)	[M]
24	RHD30007-1S	SCREW	[M]S
24	RHD30007-K1	SCREW	[M]K
25	RHD30070	EARTH TERMINAL	[M]
26	RHN90001	M9 NUT	[M]
27	RKA0132-K	SET LEG UNIT	[M]
28	RKF0664-K	FAN COVER	[M]
29	RKM0481-K	TOP CABINET	[M]K
29	RKM0481-S	TOP CABINET	[M]S
30	RKW0719-K	TOP ORNAMENT SHEET	[M]K
30	RKW0719-S	TOP ORNAMENT SHEET	[M]S
31	RKW0720A-Q1	FL WINDOW	[M]K
31	RKW0720-S1	FL WINDOW	[M]S
32	RKW0721-K	REMOTE WINDOW	[M]
33	RMC0465	TR SPRING	[M]
34	RMC0477	THERMISTOR SPRING	[M]
35	RFKJAXR45PPK	BOTTOM CHASSIS ASS'Y	[M]
36	RMN0203	PCB SUPPORT	[M]
37	RMN0724	PCB HOLDER	[M]
38	RMN0740	FL HOLDER	[M]
39	RMN0747	LED HOLDER	[M]
40	RMQ1183	FRONT SHEILD ANGLE	[M]
41	RMR1359-W	PCB SUPPORT (DECODER	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
42	RMR1517-W	REFLECTION PLATE A	[M]
43	RMR1518-W	REFLECTION PLATE B	[M]
44	RXX0265	DIGITAL HEAT SINK UN	[M]
45	SHE185-3	PCB SUPPORT	[M]
46	SHR411	PLASTIC RIVET	[M]
47	XTB3+16JFZ	SCREW	[M]
48	XTB3+6G	SCREW	[M]
49	XTB3+8J	SCREW	[M]
50	XTBS26+10J	SCREW	[M]
51	XTBS3+8JFZ1	SCREW	[M]
52	XTN26+4F	SCREW	[M]
53	XTW3+8T	SCREW	[M]
54	XYB3+F8	SCREW	[M]
55	XYN3+F10	SCREW	[M]
57	RGP0984B-K	FRONT PANEL	[M]S
57	RGP0984F-H	FR0NT PANEL	[M]K
59	RMZ0339	ZENER COVER	[M]
60	RXX0266	D.D HEAT SINK UNIT	[M]

15.2. Components Parts List

Ref. No.	Part No.	Part Name & Description	Remarks
		P.C.B.	
	REP3481B-M	MAIN P.C.B.	[M] RTL
	REP3482D-S	INPUT P.C.B. / HEADPHONE P.C.B. / TUNER EXTENT P.C.B. / FL DISPLAY P.C.B. / VOLUME P.C.B. / LED P.C.B. / OPTICAL P.C.B. / S_VIDEO P.C.B. /	[M] RTL
	REP3483D-P	POWER SUPPLY P.C.B.	[M] RTL
	REP3484C-T	DSP (SIDE A & SIDE B) P.C.B.	[M] RTL
		INTEGRATED CIRCUITS	
IC201	C0FBBK000035	IC D/A CONVERTER	[M]
IC202	C0FBBK000035	IC D/A CONVERTER	[M]
IC281	C0ABBB000163	IC 2CH OP-AMP	[M]
IC282	C0ABBB000163	IC 2CH OP-AMP	[M]
IC301	C1AB00000417	IC VIDEO SELECTOR	[M]
IC321	C1AA00000647	IC VIDEO SELECTOR	[M]
IC322	C1AA00000647	IC VIDEO SELECTOR	[M]
IC323	C1AA00000647	IC VIDEO SELECTOR	[M]
IC341	C1AB00001635	IC SELECTOR	[M]
IC361	C1AB00000417	IC VIDEO SELECTOR	[M]
IC362	C1AB00000417	IC VIDEO SELECTOR	[M]
IC401	C0JZAS000002	IC SELECTOR	[M]
IC402	C0JBAS000170	IC SELECTOR	[M]
IC451	C0ABBB000125	IC OP AMP	[M]
IC452	C0ABBB000102	IC OP AMP	[M]
IC453	C0ABBB000102	IC OP AMP	[M]
IC454	C0ABBB000125	IC OP AMP	[M]
IC455	C0ABBB000102	IC OP AMP	[M]
IC456	C0ABBB000102	IC OP AMP	[M]
IC457	C0ABBB000125	IC OP AMP	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
IC458	C0ABBB000102	IC OP AMP	[M]
IC459	C0ABBB000102	IC OP AMP	[M]
IC460	C0ABBB000125	IC OP AMP	[M]
IC551	TC7SHU04F	IC INVERTER	[M]
IC601	C1BB00000767	IC 6CH PWM PROCESSOR	[M]
IC602	C1BB00000768	IC DUAL H-BRIDGE	[M]
IC603	C1BB00000768	IC DUAL H-BRIDGE	[M]
IC604	C1BB00000768	IC DUAL H-BRIDGE	[M]
IC605	C0JBAA000244	IC STANDARD GATE	[M]
IC606	C0JBAA000102	IC CHIP GATE	[M]
IC607	C0JBAB000202	IC CHIP GATE	[M]
IC609	C0JBAB000202	IC CHIP GATE	[M]
IC610	C0EBE0000200	IC CHIP RESET	[M]
IC611	C0CBABG00006	IC 3.3V REGULATOR	[M]
IC612	C0DBZZF00001	IC REGULATOR	[M]
IC613	C0JBAA000102	IC AND GATE	[M]
IC614	C0JBAA000102	IC AND GATE	[M]
IC701	C0DAAMH00004	IC SWITCHING POWER	[M]
IC702	C0EAS0000032	IC VOLTAGE DETECTOR	[M]
IC731	C0DACZZ00007	IC PWM CONTROLLER	[M]
IC732	C0CBADC00042	IC REGULATOR	[M]
IC751	C0DBZZD00007	IC PWM CONTROLLER	[M]
IC752	C1ZBZ0002016	IC HALF-BRIDGE DRIVE	[M]
IC801	C2BBGF000440	IC MAIN MICON	[M]
IC901	C0HBB0000022	IC FL DRIVER	[M]
IC951	C1BB00000542	IC IO EXPANDER	[M]
IC1001	C3FBKC000103	IC FLASH ROM	[M]
IC1002	C0JBAB000371	IC LOGIC INVERTER	[M]
IC1003	C0JBAB000423	IC INVERTER	[M]
IC1004	C0JBAR000308	IC MULTIPLEXER	[M]
IC1005	C0JBAF000367	IC D-FLIP FLOP	[M]
IC1006	C2HBZZ000012	IC DSP	[M]
IC1007	C1BB00000692	IC DIR	[M]
IC1008	C0JBAR000308	IC MULTIPLEXER	[M]
IC1009	C0FBAK000010	IC A/D CONVERTER	[M]
IC1010	C0JBAZ001003	IC LEVEL SHIFTER	[M]
IC1011	C0JBAZ001437	IC BUS DRIVER	[M]
IC1013	C0FBAK000010	IC A/D CONVERTER	[M]
IC1014	C2BBGF000441	IC SUB MICRO-P	[M]
IC1015	C0FBAK000010	IC A/D CONVERTER	[M]
IC1016	C0JBAZ001003	IC LEVEL SHIFTER	[M]
		TRANSISTORS	
Q101	2SD592AQRSTA	TRANSISTOR	[M]
Q301	2SD592AQRSTA	TRANSISTOR	[M]
Q302	2SB0621AHA	TRANSISTOR	[M]
Q331	2SD592AQRSTA	TRANSISTOR	[M]
Q341	2SC3311ARTA	TRANSISTOR	[M]
Q343	2SC3311ARTA	TRANSISTOR	[M]
Q451	B1GFGCAA0001	TRANSISTOR	[M]
Q452	UNR211500L	TRANSISTOR	[M]
Q453	B1GFGCAA0001	TRANSISTOR	[M]
Q454	UNR211500L	TRANSISTOR	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
Q455	B1GFGCAA0001	TRANSISTOR	[M]
Q456	UNR211500L	TRANSISTOR	[M]
Q457	B1GFGCAA0001	TRANSISTOR	[M]
Q458	UNR211500L	TRANSISTOR	[M]
Q535	2SB0621AHA	TRANSISTOR	[M]
Q536	2SC2412KT96R	TRANSISTOR	[M]
Q537	2SC2412KT96R	TRANSISTOR	[M]
Q538	2SC2412KT96R	TRANSISTOR	[M]
Q566	B1ABEC000005	TRANSISTOR	[M]
Q601	B1DEGF000001	TRANSISTOR	[M]
Q602	B1DEGF000001	TRANSISTOR	[M]
Q603	B1DEGF000001	TRANSISTOR	[M]
Q604	B1DEGF000001	TRANSISTOR	[M]
Q605	B1DEGF000001	TRANSISTOR	[M]
Q606	B1DEGF000001	TRANSISTOR	[M]
Q607	B1DEGF000001	TRANSISTOR	[M]
Q608	B1DEGF000001	TRANSISTOR	[M]
Q611	B1DEGF000001	TRANSISTOR	[M]
Q612	B1DEGF000001	TRANSISTOR	[M]
Q613	B1DEGF000001	TRANSISTOR	[M]
Q614	B1DEGF000001	TRANSISTOR	[M]
Q615	B1DEGF000001	TRANSISTOR	[M]
Q616	B1DEGF000001	TRANSISTOR	[M]
Q617	B1DEGF000001	TRANSISTOR	[M]
Q618	B1DEGF000001	TRANSISTOR	[M]
Q621	B1DEGF000001	TRANSISTOR	[M]
Q622	B1DEGF000001	TRANSISTOR	[M]
Q623	B1DEGF000001	TRANSISTOR	[M]
Q624	B1DEGF000001	TRANSISTOR	[M]
Q625	B1DEGF000001	TRANSISTOR	[M]
Q626	B1DEGF000001	TRANSISTOR	[M]
Q627	B1DEGF000001	TRANSISTOR	[M]
Q628	B1DEGF000001	TRANSISTOR	[M]
Q630	B1GDCFJJ0008	TRANSISTOR	[M]
Q631	B1GFGCAA0001	TRANSISTOR	[M]
Q632	B1GFGCAA0001	TRANSISTOR	[M]
Q633	B1GFGCAA0001	TRANSISTOR	[M]
Q634	B1GDCFJJ0008	TRANSISTOR	[M]
Q635	B1GDCFJJ0008	TRANSISTOR	[M]
Q641	B1GDCFJJ0008	TRANSISTOR	[M]
Q701	B1BACJ000005	TRANSISTOR	[M]
Q704	2SA933ASTA	TRANSISTOR	[M]
Q721	RVTDTC114EST	TRANSISTOR	[M]
Q722	RVTDTC114EST	TRANSISTOR	[M]
Q723	B1AAGC000006	TRANSISTOR	[M]
Q724	2SC3940ARA	TRANSISTOR	[M]
Q731	B1DEGL000004	TRANSISTOR	[M]
Q732	2SC2412KT96R	TRANSISTOR	[M]
Q733	B1GBCFJA0002	TRANSISTOR	[M]
Q734	2SB0621AHA	TRANSISTOR	[M]
Q735	2SC2412KT96R	TRANSISTOR	[M]
Q751	B1ABDB000029	TRANSISTOR	[M]
Q752	B1ABDB000029	TRANSISTOR	[M]
Q753	B1ABDB000029	TRANSISTOR	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
Q754	B1ABDB000029	TRANSISTOR	[M]
Q755	B1DEGL000004	TRANSISTOR	[M]
Q756	B1DEGL000004	TRANSISTOR	[M]
Q801	B1GBCFLL0012	TRANSISTOR	[M]
Q802	B1ABCF000079	TRANSISTOR	[M]
Q901	B1GCCFJJ0008	TRANSISTOR	[M]
Q902	B1GACFJN0007	TRANSISTOR	[M]
Q903	2SC3311ARTA	TRANSISTOR	[M]
Q904	2SC3311ARTA	TRANSISTOR	[M]
Q1001	B1GDCFJN0001	TRANSISTOR	[M]
		DIODES	
D101	MAZ80750ML	DIODE	[M]
D301	MA2J11100L	DIODE	[M]
D302	MA2J11100L	DIODE	[M]
D303	MAZ80560ML	DIODE	[M]
D304	MAZ80560ML	DIODE	[M]
D341	MA2J11100L	DIODE	[M]
D342	MA2J11100L	DIODE	[M]
D361	MA2J11100L	DIODE	[M]
D362	MA2J11100L	DIODE	[M]
D535	B0ADCJ000020	DIODE	[M]
D536	B0ADCJ000020	DIODE	[M]
D601	B0ACCK000005	DIODE	[M]
D602	B0ACCK000005	DIODE	[M]
D603	B0ACCK000005	DIODE	[M]
D605	B0ADCJ000012	DIODE	[M]
D650	B0ADFJ000003	DIODE	[M]
D651	B0ADFJ000003	DIODE	[M]
D652	B0ADFJ000003	DIODE	[M]
D653	B0ADFJ000003	DIODE	[M]
D654	B0ADFJ000003	DIODE	[M]
D655	B0ADFJ000003	DIODE	[M]
D701	B0FFKC000001	DIODE	[M]
D702	B0ZAZ0000052	DIODE	[M]
D703	B0BA03000015	DIODE	[M]
D704	B0JAME000059	DIODE	[M]
D705	B0HAJM000005	DIODE	[M]
D706	B0HAJM000005	DIODE	[M]
D707	MTZJ39DTA	DIODE	[M]
D708	B0BA01800019	DIODE	[M]
D709	B0AACK000004	DIODE	[M]
D710	B0HAJM000005	DIODE	[M]
D711	B0HASM000005	DIODE	[M]
D713	B0ACCK000005	DIODE	[M]
D714	B0ACCK000005	DIODE	[M]
D721	1SR35400V	DIODE	[M]
D722	1SR35400V	DIODE	[M]
D723	1SR35400V	DIODE	[M]
D724	1SR35400V	DIODE	[M]
D725	B0BA6R200012	DIODE	[M]
D726	B0BA01500036	DIODE	[M]
D727	B0AACK000004	DIODE	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
D728	B0AACK000004	DIODE	[M]
D731	B0HAJM000005	DIODE	[M]
D732	B0JAME000059	DIODE	[M]
D733	B0HAMM000074	DIODE	[M]
D734	B0HAMM000074	DIODE	[M]
D735	B0HAJM000005	DIODE	[M]
D736	B0HAJM000005	DIODE	[M]
D737	B0HAJM000005	DIODE	[M]
D738	1SR35400V	DIODE	[M]
D739	B0ACCK000005	DIODE	[M]
D740	B0BA01800019	DIODE	[M]
D741	B0ACCK000005	DIODE	[M]
D742	B0ACCK000005	DIODE	[M]
D743	MAZ80560ML	DIODE	[M]
D744	B0ACCK000005	DIODE	[M]
D751	B0JBSG000022	DIODE	[M]
D752	B0ADBH000001	DIODE	[M]
D753	B0ADBH000001	DIODE	[M]
D754	B0ADBH000001	DIODE	[M]
D755	B0ADBH000001	DIODE	[M]
D801	B0ACCE000003	DIODE	[M]
D802	B0ACCE000003	DIODE	[M]
D803	B0JCCE000002	DIODE	[M]
D804	B0ACCK000005	DIODE	[M]
D805	B0ACCK000005	DIODE	[M]
D810	B0ADCJ000012	DIODE	[M]
D811	B0ADCJ000012	DIODE	[M]
D812	B0ADCJ000012	DIODE	[M]
D901	MAZ80560ML	DIODE	[M]
D902	LNG0A8CYBZ	DIODE	[M]
D941	B3AAA0000487	DIODE	[M]
D942	B3AAA0000487	DIODE	[M]
D943	B3AAA0000487	DIODE	[M]
D944	B3AAA0000487	DIODE	[M]
D945	B3AAA0000487	DIODE	[M]
D946	B3AAA0000487	DIODE	[M]
D947	B3AAA0000487	DIODE	[M]
D948	B3AAA0000487	DIODE	[M]
D951	MA2J11100L	DIODE	[M]
D967	B3ABA0000114	DIODE	[M]
D1001	B0ACCK000005	DIODE	[M]
D1002	B0ACCK000005	DIODE	[M]
D1006	B0ACCK000005	DIODE	[M]
D1007	B0ACCK000005	DIODE	[M]
D1008	B0ACCK000005	DIODE	[M]
		VARIABLE RESISTORS	
VR901	EVEKD2F3024B	ROTARY ENCODER	[M]
		SWITCHES	
S941	EVQ21405RJ	SW POWER	[M]
S961	EVQ21405RJ	SW BAND	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
S962	EVQ21405RJ	SW MEMORY	[M]
S963	EVQ21405RJ	SW PRESET	[M]
S964	EVQ21405RJ	SW TUNE DOWN	[M]
S965	EVQ21405RJ	SW TUNE UP	[M]
S966	EVQ21405RJ	SW SELECTOR	[M]
S967	EVQ21405RJ	SW RE-MASTER	[M]
S968	EVQ21405RJ	SW ENCHANCE SURROUND	[M]
S969	EVQ21405RJ	SW FM MODE	[M]
		CONNECTORS	
CN101	K1KB11A00020	11P CONNECTOR	[M]
CN401	K1MP07A00006	7P CONNECTOR	[M]
CN402A	K1MN21A00008	21P FCC CONNECTOR	[M]
CN402B	K1MN21A00008	21P FCC CONNECTOR	[M]
CN403	K1MP03A00010	3P CONNECTOR	[M]
CN404	K1MP05A00010	CONNECTOR	[M]
CN551A	K1MN14B00066	14P FFC CONNECTOR	[M]
CN551B	K1MN14A00047	14P FFC CONNECTOR	[M]
CN601	K1MP04A00007	4P CONNECTOR	[M]
CN602	K1MP08A00003	8P CONNECTOR	[M]
CN603	K1MP05A00009	5P CONNECTOR	[M]
CN604	K1MP06A00008	6P CONNECTOR	[M]
CN605A	K1MN15A00018	15P FFC CONNECTOR	[M]
CN605B	K1MN15A00018	15P FFC CONNECTOR	[M]
CN801	K1MN10A00030	10P FLT CONNECTOR	[M]
CN901	K1MP04A00007	4P CONNECTOR	[M]
CN902	K1MP05A00010	5P CONNECTOR	[M]
CN906	K1KA26A00089	26P CONNECTOR	[M]
CN907	K1KA10A00278	10P TKC CONNECTOR	[M]
CN951	K1MN14B00066	14P FFC CONNECTOR	[M]
CN951B	K1MN14A00047	14P FFC CONNECTOR	[M]
CN1001	K1KA06B00054	6P CONNECTOR	[M]
CN1002	K1KB26A00027	26P CONNECTOR	[M]
CN1003	K1KB10A00092	10P CONNECTOR	[M]
CN1004	K1KA12B00079	12P CONNECTOR	[M]
CN1005	K1MN10A00030	10P FLT CONNECTOR	[M]
CN1006	K1MN10A00030	10P FLT CONNECTOR	[M]
CP101	K1KA11A00093	11P CONNECTOR	[M]
CP102	K1KA11A00093	11P CONNECTOR	[M]
CP401	K1KA02A00008	FAN CONNECTOR	[M]
CP606	K1KA03A00008	3P CONNECTOR	[M]
		COILS	
L101	G0A200D00002	RF CHOKE COIL	[M]
L301	J0JBC0000014	CHIP COIL	[M]
L302	J0JBC0000014	CHIP COIL	[M]
L303	J0JBC0000014	CHIP COIL	[M]
L304	J0JBC0000014	CHIP COIL	[M]
L305	J0JBC0000014	CHIP COIL	[M]
L342	J0JBC0000033	CHIP INDUCTOR	[M]
L551	RLQZ150M-0	CHOKE COIL	[M]
L552	VLQ0855M1R0T	CHIP INDUCTOR	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
L553	VLQ0855M1R0T	CHIP INDUCTOR	[M]
L601	G0C7R0K00001	TROIDAL COIL	[M]
L602	G0C7R0K00001	TROIDAL COIL	[M]
L603	G0C7R0K00001	TROIDAL COIL	[M]
L604	G0C7R0K00001	TROIDAL COIL	[M]
L605	G0C7R0K00001	TROIDAL COIL	[M]
L606	G0C7R0K00001	TROIDAL COIL	[M]
L607	G0C7R0K00001	TROIDAL COIL	[M]
L608	G0C7R0K00001	TROIDAL COIL	[M]
L609	G0C7R0K00001	TROIDAL COIL	[M]
L610	G0C7R0K00001	TROIDAL COIL	[M]
L611	G0C7R0K00001	TROIDAL COIL	[M]
L612	G0C7R0K00001	TROIDAL COIL	[M]
L613	G0C45NZ00001	TWO TURN COIL	[M]
L614	G0C45NZ00001	TWO TURN COIL	[M]
L615	G0C45NZ00001	TWO TURN COIL	[M]
L616	G0C45NZ00001	TWO TURN COIL	[M]
L617	G0C45NZ00001	TWO TURN COIL	[M]
L618	G0C45NZ00001	TWO TURN COIL	[M]
L619	G0C45NZ00001	TWO TURN COIL	[M]
L620	G0C45NZ00001	TWO TURN COIL	[M]
L621	G0C45NZ00001	TWO TURN COIL	[M]
L622	G0C45NZ00001	TWO TURN COIL	[M]
L623	G0C45NZ00001	TWO TURN COIL	[M]
L624	G0C45NZ00001	TWO TURN COIL	[M]
L701	ELF15N050A	COMMON MODE COIL	[M] ⚠
L702	ELF20N024A	COMMON MODE COIL	[M] ⚠
L704	J0JKB0000020	EMI BEAD CORE	[M]
L731	J0JKB0000020	EMI BEAD CORE	[M]
L732	G0A200D00002	RF CHOKE COIL	[M]
L733	G0A200D00002	RF CHOKE COIL	[M]
L734	G0A200D00002	RF CHOKE COIL	[M]
L751	G0AR68N00001	NORMAL LINE COIL	[M]
L752	G0AR68N00001	NORMAL LINE COIL	[M]
L753	G0A580M00001	TROIDAL COIL	[M]
L801	G1C4R7M00022	CHIP COIL	[M]
L961	J0JBC0000014	CHIP COIL	[M]
L962	J0JBC0000014	CHIP COIL	[M]
L963	J0JBC0000014	CHIP COIL	[M]
L964	J0JBC0000014	CHIP COIL	[M]
L965	J0JBC0000014	CHIP COIL	[M]
L966	J0JBC0000014	CHIP COIL	[M]
L967	J0JBC0000014	CHIP COIL	[M]
L968	J0JBC0000014	CHIP COIL	[M]
L969	J0JBC0000014	CHIP COIL	[M]
L970	J0JBC0000014	CHIP COIL	[M]
L971	J0JBC0000014	CHIP COIL	[M]
L991	J0JBC0000033	CHIP INDUCTOR	[M]
L992	J0JBC0000033	CHIP INDUCTOR	[M]
L993	J0JBC0000033	CHIP INDUCTOR	[M]
L994	J0JBC0000033	CHIP INDUCTOR	[M]
L1001	G1C2R2K00008	CHIP INDUCTOR	[M]
L1002	G1C2R2K00008	CHIP INDUCTOR	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
L1003	G1C2R2K00008	CHIP INDUCTOR	[M]
L1005	G1C2R2K00008	CHIP INDUCTOR	[M]
L1006	G1C2R2K00008	CHIP INDUCTOR	[M]
L1007	G1C2R2K00008	CHIP INDUCTOR	[M]
L1008	G1C2R2K00008	CHIP INDUCTOR	[M]
L1009	G1C2R2K00008	CHIP INDUCTOR	[M]
L1010	G1C2R2K00008	CHIP INDUCTOR	[M]
L1011	G1C2R2K00008	CHIP INDUCTOR	[M]
L1012	G1C2R2K00008	CHIP INDUCTOR	[M]
L1013	G1C2R2K00008	CHIP INDUCTOR	[M]
L1014	G1C2R2K00008	CHIP INDUCTOR	[M]
L1015	G1C2R2K00008	CHIP INDUCTOR	[M]
L1016	G1C2R2K00008	CHIP INDUCTOR	[M]
L1017	G1C2R2K00008	CHIP INDUCTOR	[M]
L1018	G1C2R2K00008	CHIP INDUCTOR	[M]
T701	ETS48AA113AD	SWITCHING TRANSFORME	[M] ⚠
T721	ETP28KBZA1PU	SUB TRANSFORMER	[M] ⚠
T731	ETS28AU219AD	SWITCHING TRANSFORME	[M] ⚠
		COMPONENT COMBINATION	
Z201	J0JGC0000017	FERRITE BEAD	[M]
Z202	J0JBC0000014	CHIP COIL	[M]
Z203	J0JBC0000014	CHIP COIL	[M]
Z204	J0JBC0000014	CHIP COIL	[M]
Z205	J0JBC0000014	CHIP COIL	[M]
Z206	J0JBC0000014	CHIP COIL	[M]
Z207	J0JBC0000014	CHIP COIL	[M]
Z208	J0JBC0000014	CHIP COIL	[M]
Z209	J0JBC0000014	CHIP COIL	[M]
Z210	J0JBC0000014	FERRITE BEAD	[M]
Z211	J0JBC0000014	FERRITE BEAD	[M]
Z212	J0JBC0000014	FERRITE BEAD	[M]
Z213	J0JBC0000014	FERRITE BEAD	[M]
Z701	ERZV10V511CS	ZENER	[M]
Z801	J0JGC0000017	FERRITE BEAD	[M]
Z802	J0JGC0000017	FERRITE BEAD	[M]
Z901	B3RAD0000046	REMOTE SENSOR	[M]
Z1001	ERJ3GEY0R00Z	0 1/16W	[M]
Z1002	ERJ3GEY0R00Z	0 1/16W	[M]
Z1003	ERJ3GEY0R00Z	0 1/16W	[M]
Z1004	ERJ3GEY0R00Z	0 1/16W	[M]
Z1005	ERJ3GEY0R00Z	0 1/16W	[M]
Z1006	ERJ3GEY0R00Z	0 1/16W	[M]
Z1007	J0JCC0000119	FERRITE BEAD	[M]
		CERAMIC FILTERS	
CF1001	H2D163500001	CERAMIC RESONATOR	[M]
		RELAY	

Ref. No.	Part No.	Part Name & Description	Remarks
RL721	RSY0040M-0	POWER RELAY	[M] ⚠
		OSCILLATORS	
X341	H0H143500020	QUARTZ CRYSTAL	[M]
X901	H2D100500004	CHIP RESONATOR	[M]
X1001	H0J245500035	CRYSTAL OSCILLATOR	[M]
X1002	H0J240500015	CRYSTAL OSCILLATOR	[M]
		DISPLAY TUBE	
FL901	A2BB00000110	FL DISPLAY	[M]
		FUSES	
F1	K5D802AQ0001	FUSE	[M] ⚠
		FUSE HOLDERS	
FC701	EYF52BC	FUSE HOLDER	[M]
FC702	EYF52BC	FUSE HOLDER	[M]
		FUSE PROTECTOR	
FP701	K5G102AA0002	FUSE PROTECTOR	[M] ⚠
PC701	B3PAA0000175	OPTICAL COUPLER	[M] ⚠
		THERMISTOR	
TH601	D4CA33030001	THERMISTOR	[M]
TH701	D4CAA5R10001	POWER THERMISTOR	[M]
TH702	D4CA33030001	THERMISTOR	[M]
		HEAT SINK	
HS701	RMY0316	POWER HEAT SINK	[M]
HS702	RMY0281	POWER HEATSINK	[M]
HS704	RMY0281	POWER HEATSINK	[M]
		JACKS	
JK301	K2HA408B0055	JK 4P RCA	[M]
JK321	K2HA918B0010	JK 9P AU PLATING	[M]
JK361	K1CB208B0003	JK S VIDEO TERMINAL	[M]
JK362	K1CB208B0003	JK S VIDEO TERMINAL	[M]
JK401	K2HA408B0054	JK 4P RCA	[M]
JK402	K2HA408B0054	JK 4P RCA	[M]
JK403	K2HA408B0054	JK 4P RCA	[M]
JK404	K2HA408B0056	JK 4P RCA	[M]
JK405	K2HA408B0057	JK 4P RCA	[M]
JK551	K2HA204B0129	JK 2P RCA	[M]
JK552	B3RAA0000003	JK OPT. TRANSMITTER	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
JK553	B3RAB0000019	JK OPTICAL RECEIVER	[M]
JK554	B3RAB0000028	JK OPTICAL RECEIVER	[M]
JK555	B3RAB0000019	JK OPTICAL RECEIVER	[M]
JK556	K2HA102B0063	JK 1P RCA	[M]
JK601	K4BB04B00002	JK SPEAKER TERMINAL	[M]
JK602	K4BC04B00051	JK SPEAKER	[M]
JK603	K4BC04B00051	JK SPEAKER	[M]
JK701	K2AB2B000002	JK AC INLET	[M] ⚠
HP601	K2HB106B0001	HEAD PHONE JACK	[M]
		EARTH TERMINAL	
E701	SNE1004-2	EARTH TERMINAL	[M]
		WIRES	
W401	RWJ1807060SQ	7P (PWR-INPUT PCB)	[M]
W403	RWJ1803080SQ	3P (OPT-INPUT)	[M]
W404	RWJ1805065SQ	5P (H/P-MAIN)	[M]
W601	RWJ1804190SQ	4P (POWER-MAIN)	[M]
W602	RWJ1808190SQ	8P (POWER-MAIN)	[M]
W603	RWJ1805065SQ	5P (H/P-MAIN)	[M]
W606	REX1158	WIRE	[M]
W901	RWJ1804090SQ	4P (FL-MAIN)	[M]
W902	RWJ1805090SQ	5P FLAT (FL-MAIN)	[M]
W951	REX1154	10P WIRE	[M]
W991	REX1160-1	WIRE	[M]
W992	REX1161-1	WIRE	[M]
W993	REX1162-1	WIRE	[M]
W1001	REX1149	SHIELD WIRE	[M]
W1004	REX1150	SHIELD WIRE	[M]
		EARTH PLATE	
PL601	RSC0668	SP EARTH L	[M]
PL602	RSC0669	SP EARTH R	[M]
		RESISTORS	
R101	ERJ3GEYJ222V	2.2K 1/16W	[M]
R102	ERJ3GEYJ471V	470 1/16W	[M]
R103	ERJ3GEYJ473V	47K 1/16W	[M]
R104	ERJ3GEYJ473V	47K 1/16W	[M]
R111	ERDS1FVJ560T	56 1/2W	[M]
R112	ERDS1FVJ560T	56 1/2W	[M]
R139	ERJ3GEYJ275V	2.7M 1/16W	[M]
R142	ERJ3GEYJ101V	100 1/16W	[M]
R149	ERJ3GEYJ275V	2.7M 1/16W	[M]
R152	ERJ3GEYJ101V	100 1/16W	[M]
R159	ERJ3GEYJ275V	2.7M 1/16W	[M]
R162	ERJ3GEYJ101V	100 1/16W	[M]
R196	ERJ3GEYJ102V	1K 1/16W	[M]
R197	ERJ3GEYJ102V	1K 1/16W	[M]
R198	ERJ3GEYJ102V	1K 1/16W	[M]

[illegible]	[illegible]	[illegible]	[illegible]

Ref. No.	Part No.	Part Name & Description	Remarks
R200	ERJ3GEYJ334V	330K 1/16W	[M]
R201	ERJ3GEYJ221V	220 1/16W	[M]
R202	ERJ3GEYJ220V	22 1/16W	[M]
R203	ERJ3GEYJ1R0V	1 1/16W	[M]
R204	ERJ3GEYJ220V	22 1/16W	[M]
R205	ERJ3GEYJ101V	100 1/16W	[M]
R206	ERJ3GEYJ101V	100 1/16W	[M]
R207	ERJ3GEYJ101V	100 1/16W	[M]
R208	ERJ3GEYJ101V	100 1/16W	[M]
R209	ERJ3GEYJ101V	100 1/16W	[M]
R210	ERJ3GEYJ101V	100 1/16W	[M]
R211	ERJ3GEYJ473V	47K 1/16W	[M]
R212	ERJ3GEYJ103V	10K 1/16W	[M]
R213	ERJ3GEYJ103V	10K 1/16W	[M]
R214	ERJ3GEYJ103V	10K 1/16W	[M]
R215	ERJ3GEYJ101V	100 1/16W	[M]
R216	ERJ3GEYJ101V	100 1/16W	[M]
R217	ERJ3GEYJ103V	10K 1/16W	[M]
R221	ERJ3GEYJ101V	100 1/16W	[M]
R222	ERJ3GEYJ101V	100 1/16W	[M]
R223	ERJ3GEYJ101V	100 1/16W	[M]
R224	ERJ3GEYJ101V	100 1/16W	[M]
R225	ERJ3GEYJ101V	100 1/16W	[M]
R226	ERJ3GEYJ101V	100 1/16W	[M]
R227	ERJ3GEYJ101V	100 1/16W	[M]
R228	ERJ3GEYJ101V	100 1/16W	[M]
R229	ERJ3GEYJ101V	100 1/16W	[M]
R230	ERJ3GEYJ101V	100 1/16W	[M]
R231	ERJ3GEYJ101V	100 1/16W	[M]
R232	ERJ3GEYJ101V	100 1/16W	[M]
R233	ERJ3GEYJ101V	100 1/16W	[M]
R234	ERJ3GEYJ101V	100 1/16W	[M]
R235	ERJ3GEYJ101V	100 1/16W	[M]
R237	ERJ3GEYJ151V	150 1/16W	[M]
R238	ERJ3GEYJ151V	150 1/16W	[M]
R239	ERJ3GEYJ474V	470K 1/16W	[M]
R240	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R241	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R242	ERJ3GEYJ103V	10K 1/16W	[M]
R243	ERJ3GEYJ223V	22K 1/16W	[M]
R244	ERJ3GEYJ103V	10K 1/16W	[M]
R245	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R247	ERJ3GEYJ330V	33 1/16W	[M]
R248	ERJ3GEYJ330V	33 1/16W	[M]
R249	ERJ3GEYJ474V	470K 1/16W	[M]
R250	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R251	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R252	ERJ3GEYJ103V	10K 1/16W	[M]
R253	ERJ3GEYJ223V	22K 1/16W	[M]
R254	ERJ3GEYJ103V	10K 1/16W	[M]
R255	ERJ3GEYJ151V	150 1/16W	[M]
R256	ERJ3GEYJ151V	150 1/16W	[M]
R257	ERJ3GEYJ330V	33 1/16W	[M]
R258	ERJ3GEYJ330V	33 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R259	ERJ3GEYJ474V	470K 1/16W	[M]
R260	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R261	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R262	ERJ3GEYJ103V	10K 1/16W	[M]
R263	ERJ3GEYJ223V	22K 1/16W	[M]
R264	ERJ3GEYJ103V	10K 1/16W	[M]
R265	ERJ3GEYJ151V	150 1/16W	[M]
R266	ERJ3GEYJ151V	150 1/16W	[M]
R267	ERJ3GEYJ330V	33 1/16W	[M]
R268	ERJ3GEYJ330V	33 1/16W	[M]
R269	ERJ3GEYJ151V	150 1/16W	[M]
R270	ERJ3GEYJ151V	150 1/16W	[M]
R271	ERJ3GEYJ103V	10K 1/16W	[M]
R272	ERJ3GEYJ103V	10K 1/16W	[M]
R273	ERJ3GEYJ562V	5.6K 1/16W	[M]
R274	ERJ3GEYJ562V	5.6K 1/16W	[M]
R275	ERJ3GEYJ562V	5.6K 1/16W	[M]
R276	ERJ3GEYJ562V	5.6K 1/16W	[M]
R277	ERJ3GEYJ151V	150 1/16W	[M]
R278	ERJ3GEYJ151V	150 1/16W	[M]
R279	ERJ3GEYJ104V	100K 1/16W	[M]
R280	ERJ3GEYJ104V	100K 1/16W	[M]
R281	ERJ3GEYJ473V	47K 1/16W	[M]
R282	ERJ3GEYJ473V	47K 1/16W	[M]
R283	ERJ3GEYJ151V	150 1/16W	[M]
R284	ERJ3GEYJ151V	150 1/16W	[M]
R285	ERJ3GEYJ103V	10K 1/16W	[M]
R286	ERJ3GEYJ473V	47K 1/16W	[M]
R287	ERJ3GEYJ103V	10K 1/16W	[M]
R288	ERJ3GEYJ473V	47K 1/16W	[M]
R289	ERJ3GEYJ334V	330K 1/16W	[M]
R290	ERJ3GEYJ473V	47K 1/16W	[M]
R291	ERJ3GEYJ102V	1K 1/16W	[M]
R292	ERJ3GEYJ474V	470K 1/16W	[M]
R293	ERJ3GEYJ474V	470K 1/16W	[M]
R294	ERJ3GEYJ222V	2.2K 1/16W	[M]
R295	ERJ3GEYJ222V	2.2K 1/16W	[M]
R296	ERJ3GEYJ102V	1K 1/16W	[M]
R297	ERJ3GEYJ102V	1K 1/16W	[M]
R298	ERJ3GEYJ102V	1K 1/16W	[M]
R299	ERJ3GEYJ470V	47 1/16W	[M]
R301	ERJ3GEYJ750V	75 1/16W	[M]
R302	ERJ3GEYJ750V	75 1/16W	[M]
R303	ERJ3GEYJ750V	75 1/16W	[M]
R304	ERJ3GEYJ750V	75 1/16W	[M]
R305	ERJ3GEYJ750V	75 1/16W	[M]
R306	ERJ3GEYJ103V	10K 1/16W	[M]
R307	ERJ3GEYJ103V	10K 1/16W	[M]
R308	ERJ3GEYJ103V	10K 1/16W	[M]
R309	ERJ3GEYJ102V	1K 1/16W	[M]
R310	ERJ3GEYJ102V	1K 1/16W	[M]
R311	ERJ3GEYJ182V	1.8K 1/16W	[M]
R312	ERJ3GEYJ182V	1.8K 1/16W	[M]
R321	ERJ3GEYJ750V	75 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R322	ERJ3GEYJ750V	75 1/16W	[M]
R323	ERJ3GEYJ750V	75 1/16W	[M]
R324	ERJ3GEYJ750V	75 1/16W	[M]
R325	ERJ3GEYJ750V	75 1/16W	[M]
R326	ERJ3GEYJ750V	75 1/16W	[M]
R327	ERJ3GEYJ750V	75 1/16W	[M]
R328	ERJ3GEYJ750V	75 1/16W	[M]
R329	ERJ3GEYJ750V	75 1/16W	[M]
R330	ERJ3GEYJ102V	1K 1/16W	[M]
R331	ERJ3GEYJ102V	1K 1/16W	[M]
R332	ERJ3GEYJ102V	1K 1/16W	[M]
R341	ERJ3GEYJ101V	100 1/16W	[M]
R344	ERJ3GEYJ221V	220 1/16W	[M]
R345	ERJ3GEYJ332V	3.3K 1/16W	[M]
R346	ERJ3GEYJ332V	3.3K 1/16W	[M]
R347	ERJ3GEYJ332V	3.3K 1/16W	[M]
R348	ERJ3GEYJ103V	10K 1/16W	[M]
R349	ERJ3GEYJ470V	47 1/16W	[M]
R350	ERJ3GEYJ222V	2.2K 1/16W	[M]
R351	ERJ3GEYJ330V	33 1/16W	[M]
R352	ERJ3GEYJ331V	330 1/16W	[M]
R353	ERJ3GEYJ101V	100 1/16W	[M]
R354	ERJ3GEYJ221V	220 1/16W	[M]
R355	ERJ3GEYJ101V	100 1/16W	[M]
R356	ERJ3GEYJ472V	4.7K 1/16W	[M]
R357	ERJ3GEYJ332V	3.3K 1/16W	[M]
R358	ERJ3GEYJ271V	270 1/16W	[M]
R361	ERJ3GEYJ750V	75 1/16W	[M]
R362	ERJ3GEYJ750V	75 1/16W	[M]
R363	ERJ3GEYJ750V	75 1/16W	[M]
R364	ERJ3GEYJ104V	100K 1/16W	[M]
R365	ERJ3GEYJ104V	100K 1/16W	[M]
R366	ERJ3GEYJ104V	100K 1/16W	[M]
R367	ERJ3GEYJ750V	75 1/16W	[M]
R368	ERJ3GEYJ750V	75 1/16W	[M]
R369	ERJ3GEYJ103V	10K 1/16W	[M]
R370	ERJ3GEYJ103V	10K 1/16W	[M]
R371	ERJ3GEYJ103V	10K 1/16W	[M]
R372	ERJ3GEYJ750V	75 1/16W	[M]
R373	ERJ3GEYJ750V	75 1/16W	[M]
R374	ERJ3GEYJ750V	75 1/16W	[M]
R375	ERJ3GEYJ750V	75 1/16W	[M]
R376	ERJ3GEYJ750V	75 1/16W	[M]
R377	ERJ3GEYJ102V	1K 1/16W	[M]
R378	ERJ3GEYJ102V	1K 1/16W	[M]
R401	ERJ3GEYJ102V	1K 1/16W	[M]
R402	ERJ3GEYJ102V	1K 1/16W	[M]
R403	ERJ3GEYJ102V	1K 1/16W	[M]
R404	ERJ3GEYJ102V	1K 1/16W	[M]
R405	ERJ3GEYJ102V	1K 1/16W	[M]
R406	ERJ3GEYJ102V	1K 1/16W	[M]
R407	ERJ3GEYJ102V	1K 1/16W	[M]
R408	ERJ3GEYJ102V	1K 1/16W	[M]
R409	ERJ3GEYJ102V	1K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R410	ERJ3GEYJ102V	1K 1/16W	[M]
R411	ERJ3GEYJ102V	1K 1/16W	[M]
R412	ERJ3GEYJ102V	1K 1/16W	[M]
R413	ERJ3GEYJ102V	1K 1/16W	[M]
R414	ERJ3GEYJ102V	1K 1/16W	[M]
R415	ERJ3GEYJ102V	1K 1/16W	[M]
R416	ERJ3GEYJ102V	1K 1/16W	[M]
R417	ERJ3GEYJ102V	1K 1/16W	[M]
R418	ERJ3GEYJ102V	1K 1/16W	[M]
R419	ERJ3GEYJ102V	1K 1/16W	[M]
R420	ERJ3GEYJ103V	10K 1/16W	[M]
R421	ERJ3GEYJ103V	10K 1/16W	[M]
R422	ERJ3GEYJ103V	10K 1/16W	[M]
R423	ERJ3GEYJ103V	10K 1/16W	[M]
R424	ERJ3GEYJ103V	10K 1/16W	[M]
R425	ERJ3GEYJ103V	10K 1/16W	[M]
R451	ERJ3GEYJ102V	1K 1/16W	[M]
R452	ERJ3GEYJ102V	1K 1/16W	[M]
R453	ERJ3GEYJ104V	100K 1/16W	[M]
R454	ERJ3GEYJ104V	100K 1/16W	[M]
R455	ERJ3GEYJ473V	47K 1/16W	[M]
R456	ERJ3GEYJ473V	47K 1/16W	[M]
R457	ERJ3GEYJ332V	3.3K 1/16W	[M]
R458	ERJ3GEYJ332V	3.3K 1/16W	[M]
R459	ERJ3GEYJ182V	1.8K 1/16W	[M]
R460	ERJ3GEYJ182V	1.8K 1/16W	[M]
R461	ERJ3GEYJ102V	1K 1/16W	[M]
R462	ERJ3GEYJ824V	820K 1/16W	[M]
R463	ERJ3GEYJ564V	560K 1/16W	[M]
R464	ERJ3GEYJ222V	2.2K 1/16W	[M]
R465	ERJ3GEYJ822V	8.2K 1/16W	[M]
R466	ERJ3GEYJ822V	8.2K 1/16W	[M]
R467	ERJ3GEYJ472V	4.7K 1/16W	[M]
R468	ERJ3GEYJ472V	4.7K 1/16W	[M]
R469	ERJ3GEYJ103V	10K 1/16W	[M]
R470	ERJ3GEYJ103V	10K 1/16W	[M]
R471	ERJ3GEYJ103V	10K 1/16W	[M]
R472	ERJ3GEYJ103V	10K 1/16W	[M]
R473	ERJ3GEYJ103V	10K 1/16W	[M]
R474	ERJ3GEYJ103V	10K 1/16W	[M]
R475	ERJ3GEYJ102V	1K 1/16W	[M]
R476	ERJ3GEYJ102V	1K 1/16W	[M]
R477	ERJ3GEYJ104V	100K 1/16W	[M]
R478	ERJ3GEYJ104V	100K 1/16W	[M]
R479	ERJ3GEYJ473V	47K 1/16W	[M]
R480	ERJ3GEYJ473V	47K 1/16W	[M]
R481	ERJ3GEYJ332V	3.3K 1/16W	[M]
R482	ERJ3GEYJ332V	3.3K 1/16W	[M]
R483	ERJ3GEYJ182V	1.8K 1/16W	[M]
R484	ERJ3GEYJ182V	1.8K 1/16W	[M]
R485	ERJ3GEYJ102V	1K 1/16W	[M]
R486	ERJ3GEYJ824V	820K 1/16W	[M]
R487	ERJ3GEYJ564V	560K 1/16W	[M]
R488	ERJ3GEYJ222V	2.2K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R489	ERJ3GEYJ822V	8.2K 1/16W	[M]
R490	ERJ3GEYJ822V	8.2K 1/16W	[M]
R491	ERJ3GEYJ472V	4.7K 1/16W	[M]
R492	ERJ3GEYJ472V	4.7K 1/16W	[M]
R493	ERJ3GEYJ103V	10K 1/16W	[M]
R494	ERJ3GEYJ103V	10K 1/16W	[M]
R495	ERJ3GEYJ103V	10K 1/16W	[M]
R496	ERJ3GEYJ103V	10K 1/16W	[M]
R497	ERJ3GEYJ103V	10K 1/16W	[M]
R498	ERJ3GEYJ103V	10K 1/16W	[M]
R499	ERJ3GEYJ102V	1K 1/16W	[M]
R500	ERJ3GEYJ102V	1K 1/16W	[M]
R501	ERJ3GEYJ104V	100K 1/16W	[M]
R502	ERJ3GEYJ104V	100K 1/16W	[M]
R503	ERJ3GEYJ473V	47K 1/16W	[M]
R504	ERJ3GEYJ473V	47K 1/16W	[M]
R505	ERJ3GEYJ332V	3.3K 1/16W	[M]
R506	ERJ3GEYJ332V	3.3K 1/16W	[M]
R507	ERJ3GEYJ182V	1.8K 1/16W	[M]
R508	ERJ3GEYJ182V	1.8K 1/16W	[M]
R509	ERJ3GEYJ102V	1K 1/16W	[M]
R510	ERJ3GEYJ824V	820K 1/16W	[M]
R511	ERJ3GEYJ564V	560K 1/16W	[M]
R512	ERJ3GEYJ222V	2.2K 1/16W	[M]
R513	ERJ3GEYJ822V	8.2K 1/16W	[M]
R514	ERJ3GEYJ822V	8.2K 1/16W	[M]
R515	ERJ3GEYJ472V	4.7K 1/16W	[M]
R516	ERJ3GEYJ472V	4.7K 1/16W	[M]
R517	ERJ3GEYJ103V	10K 1/16W	[M]
R518	ERJ3GEYJ103V	10K 1/16W	[M]
R519	ERJ3GEYJ103V	10K 1/16W	[M]
R520	ERJ3GEYJ103V	10K 1/16W	[M]
R521	ERJ3GEYJ103V	10K 1/16W	[M]
R522	ERJ3GEYJ103V	10K 1/16W	[M]
R523	ERJ3GEYJ102V	1K 1/16W	[M]
R524	ERJ3GEYJ102V	1K 1/16W	[M]
R525	ERJ3GEYJ104V	100K 1/16W	[M]
R526	ERJ3GEYJ104V	100K 1/16W	[M]
R527	ERJ3GEYJ473V	47K 1/16W	[M]
R528	ERJ3GEYJ473V	47K 1/16W	[M]
R529	ERJ3GEYJ332V	3.3K 1/16W	[M]
R530	ERJ3GEYJ332V	3.3K 1/16W	[M]
R531	ERJ3GEYJ103V	10K 1/16W	[M]
R532	ERJ3GEYJ103V	10K 1/16W	[M]
R533	ERJ3GEYJ182V	1.8K 1/16W	[M]
R534	ERJ3GEYJ182V	1.8K 1/16W	[M]
R535	ERJ6GEYJ100V	10 1/10W	[M]
R536	ERDS1FVJ220T	22 1/2W	[M]
R537	ERJ3GEYJ563V	56K 1/16W	[M]
R538	ERJ3GEYJ103V	10K 1/16W	[M]
R539	ERJ3GEYJ103V	10K 1/16W	[M]
R540	ERJ3GEYJ101V	100 1/16W	[M]
R541	ERJ3GEYJ563V	56K 1/16W	[M]
R542	ERJ3GEYJ562V	5.6K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R543	ERJ3GEYJ103V	10K 1/16W	[M]
R544	ERJ3GEYJ103V	10K 1/16W	[M]
R545	ERJ3GEYJ563V	56K 1/16W	[M]
R546	D0GB4R7JA002	4.7 1/16W	[M]
R547	ERJ3GEYJ824V	820K 1/16W	[M]
R548	ERJ3GEYJ332V	3.3K 1/16W	[M]
R549	ERJ3GEYJ4R7V	4.7 1/16W	[M]
R551	ERJ3GEYJ470V	47 1/16W	[M]
R552	ERJ3GEYJ470V	47 1/16W	[M]
R553	ERJ3GEYJ470V	47 1/16W	[M]
R554	ERJ3GEYJ750V	75 1/16W	[M]
R555	ERJ3GEYJ102V	1K 1/16W	[M]
R556	ERJ3GEYJ102V	1K 1/16W	[M]
R557	ERJ3GEYJ100V	10 1/16W	[M]
R558	ERJ3GEYJ103V	10K 1/16W	[M]
R601	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R602	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R603	ERJ3GEY0R00V	0 1/16W	[M]
R604	ERJ3GEY0R00V	0 1/16W	[M]
R605	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R606	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R607	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R608	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R611	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R612	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R613	ERJ3GEY0R00V	0 1/16W	[M]
R614	ERJ3GEY0R00V	0 1/16W	[M]
R615	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R616	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R617	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R618	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R621	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R622	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R623	ERJ3GEY0R00V	0 1/16W	[M]
R624	ERJ3GEY0R00V	0 1/16W	[M]
R625	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R626	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R627	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R628	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R631	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R632	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R633	ERJ3GEY0R00V	0 1/16W	[M]
R634	ERJ3GEY0R00V	0 1/16W	[M]
R635	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R636	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R637	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R638	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R641	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R642	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R643	ERJ3GEY0R00V	0 1/16W	[M]
R644	ERJ3GEY0R00V	0 1/16W	[M]
R645	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R646	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R647	ERJ3GEYJ3R3V	3.3 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R648	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R651	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R652	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R653	ERJ3GEY0R00V	0 1/16W	[M]
R654	ERJ3GEY0R00V	0 1/16W	[M]
R655	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R656	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R657	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R658	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R661	ERJ6GEYJ100V	10 1/10W	[M]
R662	ERJ6GEYJ100V	10 1/10W	[M]
R663	ERJ6GEYJ100V	10 1/10W	[M]
R664	ERJ6GEYJ100V	10 1/10W	[M]
R665	ERJ6GEYJ100V	10 1/10W	[M]
R666	ERJ6GEYJ100V	10 1/10W	[M]
R667	ERJ6GEYJ100V	10 1/10W	[M]
R668	ERJ6GEYJ100V	10 1/10W	[M]
R669	ERJ6GEYJ100V	10 1/10W	[M]
R670	ERJ6GEYJ100V	10 1/10W	[M]
R671	ERJ6GEYJ100V	10 1/10W	[M]
R672	ERJ6GEYJ100V	10 1/10W	[M]
R681	ERJ14YJ472U	4.7K 1/4W	[M]
R682	ERJ14YJ472U	4.7K 1/4W	[M]
R683	ERJ14YJ472U	4.7K 1/4W	[M]
R684	ERJ14YJ472U	4.7K 1/4W	[M]
R685	ERJ14YJ472U	4.7K 1/4W	[M]
R686	ERJ14YJ472U	4.7K 1/4W	[M]
R687	ERJ14YJ472U	4.7K 1/4W	[M]
R688	ERJ14YJ472U	4.7K 1/4W	[M]
R689	ERJ14YJ472U	4.7K 1/4W	[M]
R690	ERJ14YJ472U	4.7K 1/4W	[M]
R691	ERJ14YJ472U	4.7K 1/4W	[M]
R692	ERJ14YJ472U	4.7K 1/4W	[M]
R698	ERJ3GEYJ561V	560 1/16W	[M]
R699	ERJ3GEYJ124V	120K 1/16W	[M]
R701	ERC12UGK335D	3.3M 1/2W	[M]
R702	ERG2SJ333P	33K 1/4W	[M]
R703	ERDS2TJ681T	680 1/4W	[M]
R704	ERX2LJ68MP	0.68 1/4W	[M]
R705	ERX2LJ56MP	0.56 1/4W	[M]
R706	ERG2SJ683P	38K 1/4W	[M]
R708	ERDS2TJ332T	3.3K 1/4W	[M]
R709	ERDS2TJ222T	2.2K 1/4W	[M]
R710	ERDS2TJ103T	10K 1/4W	[M]
R711	ERDS2TJ220T	22 1/4W	[M]
R712	ERDS2TJ272T	2.7K 1/4W	[M]
R713	ERD25FVJ151T	150 1/4W	[M]
R714	ER0S2THF6202	62K 1/4W	[M]
R715	ERDS2TJ562T	5.6K 1/4W	[M]
R716	ERDS2TJ103T	10K 1/4W	[M]
R723	ERDS2TJ103T	10K 1/4W	[M]
R724	ERDS2TJ103T	10K 1/4W	[M]
R725	ERDS2TJ222T	2.2K 1/4W	[M]
R726	ERDS2TJ332T	3.3K 1/4W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R727	ERDS2TJ102T	1K 1/4W	[M]
R728	ERDS2TJ220T	22 1/4W	[M]
R729	ERDS2TJ223T	22K 1/4W	[M]
R731	ERDS1FVJ222T	2.2K 1/2W	[M]
R732	ERX2LJ82MP	0.82 1/4W	[M]
R733	ERJ3EKF6801V	6.8K 1/16W	[M]
R734	ERJ3EKF4701V	4.7K 1/16W	[M]
R735	ERJ3GEYJ154V	150K 1/16W	[M]
R736	ERJ3GEYJ102V	1K 1/16W	[M]
R737	ERJ3GEYJ103V	10K 1/16W	[M]
R738	ERJ3GEYJ683V	68K 1/16W	[M]
R739	D0GB823JA002	82K 1/16W	[M]
R740	ERJ3GEYJ682V	6.8K 1/16W	[M]
R741	ERJ3GEYJ101V	100 1/16W	[M]
R742	ERJ3GEYJ183V	18K 1/16W	[M]
R743	ERDS1FVJ220T	22 1/2W	[M]
R744	ERDS1FVJ4R7T	4.7 1/2W	[M]
R745	ERJ3GEYJ223V	22K 1/16W	[M]
R746	ERJ3GEYJ683V	68K 1/16W	[M]
R747	D0GB124JA002	120K 1/16W	[M]
R748	ERJ3GEYJ223V	22K 1/16W	[M]
R749	ERJ3GEYJ222V	2.2K 1/16W	[M]
R751	ERDS1FVJ682T	6.8K 1/2W	[M]
R752	ERJ3GEYJ100V	10 1/16W	[M]
R753	ERJ3GEYJ100V	10 1/16W	[M]
R754	ERJ3GEYJ100V	10 1/16W	[M]
R755	ERJM1WSF20MU	0.2 1/2W	[M]
R756	ERJM1WSF20MU	0.2 1/2W	[M]
R757	ERJ3GEYJ100V	10 1/16W	[M]
R758	ERJ3GEYJ104V	100K 1/16W	[M]
R759	D0GB124JA002	120K 1/16W	[M]
R760	ERJ3GEYJ274V	270K 1/16W	[M]
R761	ERJ3EKF2201V	2.2K 1/16W	[M]
R762	ERJ3EKF6801V	6.8K 1/16W	[M]
R763	ERJ3EKF1802V	1.8K 1/16W	[M]
R764	ERJ3GEYJ102V	1K 1/16W	[M]
R765	ERJ3GEYJ182V	1.8K 1/16W	[M]
R766	ERJ3GEYJ103V	10K 1/16W	[M]
R767	ERJ3GEYJ152V	1.5K 1/16W	[M]
R768	ERJ3GEYJ273V	27K 1/16W	[M]
R769	ERJ3GEYJ822V	8.2K 1/16W	[M]
R770	ERJ3GEYJ820V	82 1/16W	[M]
R771	ERJ3GEYJ562V	5.6K 1/16W	[M]
R772	ERJ3GEYJ822V	8.2K 1/16W	[M]
R773	ERJ3GEYJ561V	560 1/16W	[M]
R774	ERJ3GEYJ152V	1.5K 1/16W	[M]
R775	ERJ3GEYJ332V	3.3K 1/16W	[M]
R776	ERJ3GEYJ561V	560 1/16W	[M]
R777	ERJ3GEYJ562V	5.6K 1/16W	[M]
R778	ERJ3GEYJ511V	510 1/16W	[M]
R779	ERJ3GEYJ333V	33K 1/16W	[M]
R780	ERJ3GEYJ102V	1K 1/16W	[M]
R781	ERJ3GEYJ101V	100 1/16W	[M]
R782	ERJ3GEYJ103V	10K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R783	ERJ3GEYJ203V	20K 1/16W	[M]
R784	ERJ3GEYJ472V	4.7K 1/16W	[M]
R785	ERJ3GEYJ472V	4.7K 1/16W	[M]
R786	ERJ3GEYJ472V	4.7K 1/16W	[M]
R787	ERJ3GEYJ472V	4.7K 1/16W	[M]
R788	ERJ3GEYJ473V	47K 1/16W	[M]
R789	ERJ3GEYJ473V	47K 1/16W	[M]
R790	ERJ3GEYJ203V	20K 1/16W	[M]
R791	ERJ3GEYJ203V	20K 1/16W	[M]
R792	ERJ3GEYJ103V	10K 1/16W	[M]
R793	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R794	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R795	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R796	ERJ3GEY0R00V	0 1/16W	[M]
R797	ERJ6GEYJ100V	10 1/10W	[M]
R799	ERJ3GEYJ101V	100 1/16W	[M]
R800	ERJ3GEYJ101V	100 1/16W	[M]
R801	ERJ3GEYJ681V	680 1/16W	[M]
R802	ERJ3GEYJ331V	330 1/16W	[M]
R803	ERJ3GEYJ473V	47K 1/16W	[M]
R804	ERJ3GEYJ104V	100K 1/16W	[M]
R805	ERJ3GEYJ472V	4.7K 1/16W	[M]
R806	ERJ3GEYJ223V	22K 1/16W	[M]
R807	ERJ3GEYJ472V	4.7K 1/16W	[M]
R808	ERJ3GEYJ103V	10K 1/16W	[M]
R809	ERJ3GEYJ103V	10K 1/16W	[M]
R810	ERJ3GEYJ103V	10K 1/16W	[M]
R812	ERJ3GEYJ472V	4.7K 1/16W	[M]
R813	ERJ3GEYJ473V	47K 1/16W	[M]
R814	ERJ3GEYJ223V	22K 1/16W	[M]
R815	ERJ3GEYJ103V	10K 1/16W	[M]
R816	ERJ3GEYJ103V	10K 1/16W	[M]
R817	ERJ3GEYJ473V	47K 1/16W	[M]
R818	ERJ3GEYJ473V	47K 1/16W	[M]
R819	ERJ3GEYJ473V	47K 1/16W	[M]
R820	ERJ3GEYJ470V	47 1/16W	[M]
R821	ERJ3GEYJ470V	47 1/16W	[M]
R822	ERJ3GEYJ470V	47 1/16W	[M]
R823	ERJ3GEYJ470V	47 1/16W	[M]
R824	ERJ3GEYJ470V	47 1/16W	[M]
R825	ERJ3GEYJ470V	47 1/16W	[M]
R826	ERJ3GEYJ470V	47 1/16W	[M]
R827	ERJ3GEYJ470V	47 1/16W	[M]
R830	ERJ3GEYJ101V	100 1/16W	[M]
R831	ERJ3GEYJ101V	100 1/16W	[M]
R832	ERJ3GEYJ101V	100 1/16W	[M]
R833	ERJ3GEYJ101V	100 1/16W	[M]
R834	ERJ3GEYJ101V	100 1/16W	[M]
R835	ERJ3GEYJ101V	100 1/16W	[M]
R836	ERJ3GEYJ101V	100 1/16W	[M]
R837	ERJ3GEYJ101V	100 1/16W	[M]
R838	ERJ3GEYJ101V	100 1/16W	[M]
R839	ERJ3GEYJ101V	100 1/16W	[M]
R840	ERJ3GEYJ101V	100 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R841	ERJ3GEYJ101V	100 1/16W	[M]
R842	ERJ3GEYJ101V	100 1/16W	[M]
R843	ERJ3GEYJ101V	100 1/16W	[M]
R844	ERJ3GEYJ101V	100 1/16W	[M]
R845	ERJ3GEYJ101V	100 1/16W	[M]
R846	ERJ3GEYJ101V	100 1/16W	[M]
R848	ERJ3GEYJ101V	100 1/16W	[M]
R849	ERJ3GEYJ101V	100 1/16W	[M]
R850	ERJ3GEYJ101V	100 1/16W	[M]
R851	ERJ3GEYJ101V	100 1/16W	[M]
R852	ERJ3GEYJ101V	100 1/16W	[M]
R853	ERJ3GEYJ101V	100 1/16W	[M]
R854	ERJ3GEYJ101V	100 1/16W	[M]
R855	ERJ3GEYJ104V	100K 1/16W	[M]
R856	ERJ3GEYJ101V	100 1/16W	[M]
R857	ERJ3GEYJ101V	100 1/16W	[M]
R858	ERJ3GEYJ101V	100 1/16W	[M]
R859	ERJ3GEYJ101V	100 1/16W	[M]
R860	ERJ3GEYJ101V	100 1/16W	[M]
R864	ERJ3GEYJ101V	100 1/16W	[M]
R865	ERJ3GEYJ101V	100 1/16W	[M]
R866	ERJ3GEYJ101V	100 1/16W	[M]
R867	ERJ3GEYJ101V	100 1/16W	[M]
R868	ERJ3GEYJ101V	100 1/16W	[M]
R869	ERJ3GEYJ101V	100 1/16W	[M]
R870	ERJ3GEYJ101V	100 1/16W	[M]
R871	ERJ3GEYJ101V	100 1/16W	[M]
R872	ERJ3GEYJ101V	100 1/16W	[M]
R874	ERJ3GEYJ102V	1K 1/16W	[M]
R875	ERJ3GEYJ103V	10K 1/16W	[M]
R876	ERJ3GEYJ101V	100 1/16W	[M]
R877	ERJ3GEYJ103V	10K 1/16W	[M]
R878	ERJ3GEYJ101V	100 1/16W	[M]
R879	ERJ3GEYJ473V	47K 1/16W	[M]
R880	ERJ3GEYJ224V	220K 1/16W	[M]
R881	ERJ3GEYJ183V	18K 1/16W	[M]
R882	ERJ3GEYJ183V	18K 1/16W	[M]
R883	ERJ3GEYJ473V	47K 1/16W	[M]
R884	ERJ3GEYJ473V	47K 1/16W	[M]
R885	ERJ3GEYJ183V	18K 1/16W	[M]
R886	ERJ3GEYJ183V	18K 1/16W	[M]
R887	ERJ3GEYJ473V	47K 1/16W	[M]
R888	ERJ3GEYJ473V	47K 1/16W	[M]
R889	ERJ3GEYJ183V	18K 1/16W	[M]
R890	ERJ3GEYJ183V	18K 1/16W	[M]
R891	ERJ3GEYJ473V	47K 1/16W	[M]
R892	ERJ3GEYJ473V	47K 1/16W	[M]
R893	ERJ3GEYJ473V	47K 1/16W	[M]
R894	ERJ3GEYJ472V	4.7K 1/16W	[M]
R895	ERJ3GEYJ1R0V	1 1/16W	[M]
R896	ERJ3GEYJ1R0V	1 1/16W	[M]
R901	ERJ3GEYJ101V	100 1/16W	[M]
R902	ERJ3GEYJ104V	100K 1/16W	[M]
R905	D0GB823JA002	82K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R906	ERJ3GEYJ102V	1K 1/16W	[M]
R907	ERJ3GEYJ102V	1K 1/16W	[M]
R908	ERJ3GEYJ102V	1K 1/16W	[M]
R909	ERJ3GEYJ101V	100 1/16W	[M]
R910	ERJ3GEYJ101V	100 1/16W	[M]
R911	ERJ3GEYJ101V	100 1/16W	[M]
R912	ERJ3GEYJ150V	15 1/16W	[M]
R913	ERJ3GEYJ150V	15 1/16W	[M]
R914	ERJ3GEYJ271V	270 1/16W	[M]
R921	ERJ3GEYJ101V	100 1/16W	[M]
R922	ERJ3GEYJ101V	100 1/16W	[M]
R924	ERD25FVJ6R8T	6.8 1/4W	[M]
R941	ERJ3GEYJ271V	270 1/16W	[M]
R942	ERJ3GEYJ271V	270 1/16W	[M]
R943	ERJ3GEYJ271V	270 1/16W	[M]
R944	ERJ3GEYJ271V	270 1/16W	[M]
R945	ERJ3GEYJ271V	270 1/16W	[M]
R946	ERJ3GEYJ271V	270 1/16W	[M]
R947	ERJ3GEYJ271V	270 1/16W	[M]
R948	ERJ3GEYJ271V	270 1/16W	[M]
R949	ERJ3GEYJ221V	220 1/16W	[M]
R951	ERJ3GEYJ101V	100 1/16W	[M]
R952	ERJ3GEYJ101V	100 1/16W	[M]
R953	ERJ3GEYJ101V	100 1/16W	[M]
R961	ERJ3GEYJ102V	1K 1/16W	[M]
R962	ERJ3GEYJ122V	1.2K 1/16W	[M]
R963	ERJ3GEYJ152V	1.5K 1/16W	[M]
R964	ERJ3GEYJ182V	1.8K 1/16W	[M]
R965	ERJ3GEYJ222V	2.2K 1/16W	[M]
R966	ERJ3GEYJ102V	1K 1/16W	[M]
R967	ERJ3GEYJ271V	270 1/16W	[M]
R968	ERJ3GEYJ122V	1.2K 1/16W	[M]
R969	ERJ3GEYJ152V	1.5K 1/16W	[M]
R1001	ERJ3GEYJ103V	10K 1/16W	[M]
R1002	ERJ3GEYJ101V	100 1/16W	[M]
R1003	ERJ3GEYJ101V	100 1/16W	[M]
R1004	ERJ3GEYJ101V	100 1/16W	[M]
R1005	ERJ3GEYJ101V	100 1/16W	[M]
R1006	ERJ3GEYJ101V	100 1/16W	[M]
R1007	ERJ3GEYJ101V	100 1/16W	[M]
R1008	ERJ3GEYJ101V	100 1/16W	[M]
R1009	ERJ3GEYJ101V	100 1/16W	[M]
R1010	ERJ3GEYJ681V	680 1/16W	[M]
R1011	ERJ3GEYJ105V	1M 1/16W	[M]
R1012	ERJ3GEYJ105V	1M 1/16W	[M]
R1013	ERJ3GEYJ471V	470 1/16W	[M]
R1014	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1015	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1016	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1017	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1018	ERJ3GEYJ330V	33 1/16W	[M]
R1019	ERJ3GEYJ103V	10K 1/16W	[M]
R1020	ERJ3GEYJ103V	10K 1/16W	[M]
R1021	ERJ3GEYJ330V	33 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R1022	ERJ3GEYJ330V	33 1/16W	[M]
R1023	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1024	ERJ3GEYJ103V	10K 1/16W	[M]
R1025	ERJ3GEYJ103V	10K 1/16W	[M]
R1026	ERJ3GEYJ103V	10K 1/16W	[M]
R1027	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1028	ERJ3GEYJ103V	10K 1/16W	[M]
R1029	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1030	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1031	ERJ3GEYJ103V	10K 1/16W	[M]
R1032	ERJ3GEYJ103V	10K 1/16W	[M]
R1033	ERJ3GEYJ103V	10K 1/16W	[M]
R1034	ERJ3GEYJ103V	10K 1/16W	[M]
R1035	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1036	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1037	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1038	ERJ3GEYJ103V	10K 1/16W	[M]
R1039	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1040	ERJ3GEYJ330V	33 1/16W	[M]
R1041	ERJ3GEYJ330V	33 1/16W	[M]
R1042	ERJ3GEYJ330V	33 1/16W	[M]
R1043	ERJ3GEYJ330V	33 1/16W	[M]
R1044	ERJ3GEYJ103V	10K 1/16W	[M]
R1045	ERJ3GEYJ103V	10K 1/16W	[M]
R1046	ERJ3GEYJ330V	33 1/16W	[M]
R1047	ERJ3GEYJ103V	10K 1/16W	[M]
R1048	ERJ3GEYJ330V	33 1/16W	[M]
R1049	ERJ3GEYJ103V	10K 1/16W	[M]
R1050	ERJ3GEYJ330V	33 1/16W	[M]
R1051	ERJ3GEYJ101V	100 1/16W	[M]
R1052	ERJ3GEYJ101V	100 1/16W	[M]
R1053	ERJ3GEYJ101V	100 1/16W	[M]
R1054	ERJ3GEYJ103V	10K 1/16W	[M]
R1055	ERJ3GEYJ103V	10K 1/16W	[M]
R1056	ERJ3GEYJ101V	100 1/16W	[M]
R1057	ERJ3GEYJ471V	470 1/16W	[M]
R1058	ERJ3GEYJ471V	470 1/16W	[M]
R1059	ERJ3GEYJ471V	470 1/16W	[M]
R1060	ERJ3GEYJ470V	47 1/16W	[M]
R1061	ERJ3GEYJ183V	18K 1/16W	[M]
R1062	ERJ3GEYJ302V	3K 1/16W	[M]
R1063	ERJ3GEYJ103V	10K 1/16W	[M]
R1064	ERJ3GEYJ103V	10K 1/16W	[M]
R1065	ERJ3GEYJ103V	10K 1/16W	[M]
R1066	ERJ3GEYJ103V	10K 1/16W	[M]
R1067	ERJ3GEYJ103V	10K 1/16W	[M]
R1068	ERJ3GEYJ103V	10K 1/16W	[M]
R1069	ERJ3GEYJ103V	10K 1/16W	[M]
R1070	ERJ3GEYJ103V	10K 1/16W	[M]
R1071	ERJ3GEYJ330V	33 1/16W	[M]
R1072	ERJ3GEYJ103V	10K 1/16W	[M]
R1073	ERJ3GEYJ330V	33 1/16W	[M]
R1074	ERJ3GEYJ330V	33 1/16W	[M]
R1075	ERJ3GEYJ103V	10K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R1076	ERJ3GEYJ330V	33 1/16W	[M]
R1077	ERJ3GEYJ330V	33 1/16W	[M]
R1078	ERJ3GEYJ330V	33 1/16W	[M]
R1079	ERJ3GEYJ330V	33 1/16W	[M]
R1080	ERJ3GEYJ330V	33 1/16W	[M]
R1081	ERJ3GEYJ330V	33 1/16W	[M]
R1082	ERJ3GEYJ103V	10K 1/16W	[M]
R1083	ERJ3GEYJ103V	10K 1/16W	[M]
R1084	ERJ3GEYJ103V	10K 1/16W	[M]
R1085	ERJ3GEYJ103V	10K 1/16W	[M]
R1086	ERJ3GEYJ103V	10K 1/16W	[M]
R1087	ERJ3GEYJ103V	10K 1/16W	[M]
R1088	ERJ3GEYJ103V	10K 1/16W	[M]
R1089	ERJ3GEYJ103V	10K 1/16W	[M]
R1090	ERJ3GEYJ103V	10K 1/16W	[M]
R1091	ERJ3GEYJ330V	33 1/16W	[M]
R1092	ERJ3GEYJ330V	33 1/16W	[M]
R1093	ERJ3GEYJ330V	33 1/16W	[M]
R1094	ERJ3GEYJ330V	33 1/16W	[M]
R1095	ERJ3GEYJ330V	33 1/16W	[M]
R1096	ERJ3GEYJ330V	33 1/16W	[M]
R1097	ERJ3GEYJ151V	150 1/16W	[M]
R1098	ERJ3GEYJ104V	100K 1/16W	[M]
R1099	ERJ3GEYJ104V	100K 1/16W	[M]
R1100	ERJ3GEYJ151V	150 1/16W	[M]
R1101	ERJ3GEYJ151V	150 1/16W	[M]
R1102	ERJ3GEYJ151V	150 1/16W	[M]
R1103	ERJ3GEYJ102V	1K 1/16W	[M]
R1104	ERJ3GEYJ103V	10K 1/16W	[M]
R1105	ERJ3GEYJ103V	10K 1/16W	[M]
R1106	ERJ3GEYJ151V	150 1/16W	[M]
R1107	ERJ3GEYJ151V	150 1/16W	[M]
R1108	ERJ3GEYJ101V	100 1/16W	[M]
R1109	ERJ3GEYJ101V	100 1/16W	[M]
R1110	ERJ3GEYJ101V	100 1/16W	[M]
R1111	ERJ3GEYJ101V	100 1/16W	[M]
R1112	ERJ3GEYJ101V	100 1/16W	[M]
R1113	ERJ3GEYJ101V	100 1/16W	[M]
R1114	ERJ3GEYJ101V	100 1/16W	[M]
R1115	ERJ3GEYJ101V	100 1/16W	[M]
R1116	ERJ3GEYJ151V	150 1/16W	[M]
R1117	ERJ3GEYJ151V	150 1/16W	[M]
R1118	ERJ3GEYJ102V	1K 1/16W	[M]
R1119	ERJ3GEYJ101V	100 1/16W	[M]
R1120	ERJ3GEYJ101V	100 1/16W	[M]
R1121	ERJ3GEYJ101V	100 1/16W	[M]
R1122	ERJ3GEYJ101V	100 1/16W	[M]
R1123	ERJ3GEYJ101V	100 1/16W	[M]
R1124	ERJ3GEYJ104V	100K 1/16W	[M]
R1125	ERJ3GEYJ101V	100 1/16W	[M]
R1126	ERJ3GEYJ102V	1K 1/16W	[M]
R1127	ERJ3GEYJ102V	1K 1/16W	[M]
R1129	ERJ3GEYJ102V	1K 1/16W	[M]
R1130	ERJ3GEYJ101V	100 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R1131	ERJ3GEYJ102V	1K 1/16W	[M]
R1132	ERJ3GEYJ102V	1K 1/16W	[M]
R1133	ERJ3GEYJ101V	100 1/16W	[M]
R1134	ERJ3GEYJ102V	1K 1/16W	[M]
R1135	ERJ3GEYJ101V	100 1/16W	[M]
R1136	ERJ3GEYJ101V	100 1/16W	[M]
R1137	ERJ3GEYJ101V	100 1/16W	[M]
R1138	ERJ3GEYJ101V	100 1/16W	[M]
R1139	ERJ3GEYJ101V	100 1/16W	[M]
R1140	ERJ3GEYJ101V	100 1/16W	[M]
R1141	ERJ3GEYJ103V	10K 1/16W	[M]
R1142	ERJ3GEYJ102V	1K 1/16W	[M]
R1143	ERJ3GEYJ101V	100 1/16W	[M]
R1144	ERJ3GEYJ102V	1K 1/16W	[M]
R1145	ERJ3GEYJ101V	100 1/16W	[M]
R1146	ERJ3GEYJ103V	10K 1/16W	[M]
R1147	ERJ3GEYJ101V	100 1/16W	[M]
R1148	ERJ3GEYJ151V	150 1/16W	[M]
R1149	ERJ3GEYJ101V	100 1/16W	[M]
R1150	ERJ3GEYJ101V	100 1/16W	[M]
R1151	ERJ3GEYJ151V	150 1/16W	[M]
R1156	ERJ3GEYJ101V	100 1/16W	[M]
R1157	ERJ3GEYJ103V	10K 1/16W	[M]
R1158	ERJ3GEYJ330V	33 1/16W	[M]
R1159	ERJ3GEYJ151V	150 1/16W	[M]
R1160	ERJ3GEYJ151V	150 1/16W	[M]
R1166	ERJ3GEYJ104V	100K 1/16W	[M]
R1167	ERJ3GEYJ472V	4.7K 1/16W	[M]
R1168	ERJ3GEYJ472V	4.7K 1/16W	[M]
R1169	ERJ3GEYJ330V	33 1/16W	[M]
R1170	ERJ3GEYJ330V	33 1/16W	[M]
R1171	ERJ3GEYJ103V	10K 1/16W	[M]
R1172	ERJ3GEYJ103V	10K 1/16W	[M]
R1173	ERJ3GEYJ103V	10K 1/16W	[M]
R1180	ERJ3GEYJ330V	33 1/16W	[M]
R1181	ERJ3GEYJ330V	33 1/16W	[M]
R1182	ERJ3GEYJ330V	33 1/16W	[M]
R1183	ERJ3GEYJ330V	33 1/16W	[M]
R1184	ERJ3GEYJ330V	33 1/16W	[M]
R1185	ERJ3GEYJ330V	33 1/16W	[M]
R1186	ERJ3GEYJ330V	33 1/16W	[M]
R1187	ERJ3GEYJ330V	33 1/16W	[M]
R9201	ERJ3GEYJ560V	56 1/16W	[M]
R9202	ERJ3GEYJ560V	56 1/16W	[M]
JA101	ERJ3GEY0R00V	0 1/16W	[M]
JA102	ERJ3GEY0R00V	0 1/16W	[M]
JA111	ERJ3GEY0R00V	0 1/16W	[M]
JA116	ERJ3GEY0R00V	0 1/16W	[M]
JA117	ERJ3GEY0R00V	0 1/16W	[M]
JA118	ERJ3GEY0R00V	0 1/16W	[M]
JA119	ERJ3GEY0R00V	0 1/16W	[M]
JA120	ERJ3GEY0R00V	0 1/16W	[M]
JA121	ERJ3GEY0R00V	0 1/16W	[M]
JA122	ERJ3GEY0R00V	0 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
JA123	ERJ3GEY0R00V	0 1/16W	[M]
JA124	ERJ3GEY0R00V	0 1/16W	[M]
JA201	ERJ6GEY0R00V	0 1/10W	[M]
JA202	ERJ6GEY0R00V	0 1/10W	[M]
JA203	ERJ6GEY0R00V	0 1/10W	[M]
JA204	ERJ6GEY0R00V	0 1/10W	[M]
JA205	ERJ6GEY0R00V	0 1/10W	[M]
JA206	ERJ6GEY0R00V	0 1/10W	[M]
JA207	ERJ6GEY0R00V	0 1/10W	[M]
JA208	ERJ6GEY0R00V	0 1/10W	[M]
JA209	ERJ6GEY0R00V	0 1/10W	[M]
JA210	ERJ6GEY0R00V	0 1/10W	[M]
JA211	ERJ6GEY0R00V	0 1/10W	[M]
JA212	ERJ6GEY0R00V	0 1/10W	[M]
JA213	ERJ6GEY0R00V	0 1/10W	[M]
JA214	ERJ6GEY0R00V	0 1/10W	[M]
JA215	ERJ6GEY0R00V	0 1/10W	[M]
JA216	ERJ6GEY0R00V	0 1/10W	[M]
JA217	ERJ6GEY0R00V	0 1/10W	[M]
JA218	ERJ6GEY0R00V	0 1/10W	[M]
		CAPACITORS	
C101	ECUV1H103KBV	0.01 50V	[M]
C102	ECA1CAK470XB	47 16V	[M]
C200	ECUV1H102JCV	1000P 50V	[M]
C201	F1H1H473A748	0.047 50V	[M]
C202	ECJ1VB1H472K	4700P 50V	[M]
C203	ECUVNC104KBV	0.1 16V	[M]
C204	ECUVNC104KBV	0.1 16V	[M]
C205	ECUVNC104KBV	0.1 16V	[M]
C206	ECUVNC104KBV	0.1 16V	[M]
C207	ECUVNC104KBV	0.1 16V	[M]
C208	ECUVNC104KBV	0.1 16V	[M]
C209	ECEV1CA100SP	10 16V	[M]
C210	ECUVNC104KBV	0.1 16V	[M]
C211	ECEV1CA100SP	10 16V	[M]
C212	ECEV1CA100SP	10 16V	[M]
C213	ECEV1CA100SP	10 16V	[M]
C214	ECUV1H101JCV	100P 50V	[M]
C215	ECJ1VB1H102K	1000P 50V	[M]
C216	ECJ1VB1H102K	1000P 50V	[M]
C217	ECUVNC104KBV	0.1 16V	[M]
C218	ECUVNC104KBV	0.1 16V	[M]
C219	ECUVNC104KBV	0.1 16V	[M]
C220	ECEV1CA470SP	47 16V	[M]
C221	ECUVNC104KBV	0.1 16V	[M]
C222	ECEV1CA470SP	47 16V	[M]
C223	ECUVNC104KBV	0.1 16V	[M]
C224	ECUVNC104KBV	0.1 16V	[M]
C225	ECEV1HA2R2SR	2.2 50V	[M]
C226	ECEV1AA220WR	22 10V	[M]
C227	ECEV1AA220WR	22 10V	[M]
C228	ECEV1AA220WR	22 10V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C231	ECEV1CA100SP	10 16V	[M]
C232	ECUVNC104KBV	0.1 16V	[M]
C233	ECEV1CA100SP	10 16V	[M]
C234	ECEV1CA100SP	10 16V	[M]
C235	ECEV1CA100SP	10 16V	[M]
C236	ECUVNC104KBV	0.1 16V	[M]
C237	ECEV1CA100SP	10 16V	[M]
C238	ECEV1CA100SP	10 16V	[M]
C239	ECUVNC104KBV	0.1 16V	[M]
C240	ECEV1CA100SP	10 16V	[M]
C241	ECUVNC104KBV	0.1 16V	[M]
C242	ECUVNC104KBV	0.1 16V	[M]
C243	ECUVNC104KBV	0.1 16V	[M]
C244	ECEV1CA100SP	10 16V	[M]
C245	ECUVNC104KBV	0.1 16V	[M]
C246	ECEV1CA100SP	10 16V	[M]
C247	ECUVNC104KBV	0.1 16V	[M]
C250	ECEV1CA100SP	10 16V	[M]
C251	ECUVNC104KBV	0.1 16V	[M]
C252	ECUVNC104KBV	0.1 16V	[M]
C253	ECUVNC104KBV	0.1 16V	[M]
C254	ECEV1CA100SP	10 16V	[M]
C255	ECUVNC104KBV	0.1 16V	[M]
C256	ECEV1CA100SP	10 16V	[M]
C257	ECUVNC104KBV	0.1 16V	[M]
C260	ECEV1CA100SP	10 16V	[M]
C261	ECUVNC104KBV	0.1 16V	[M]
C262	ECUVNC104KBV	0.1 16V	[M]
C263	ECUVNC104KBV	0.1 16V	[M]
C264	ECEV1CA100SP	10 16V	[M]
C265	ECUVNC104KBV	0.1 16V	[M]
C266	ECEV1CA100SP	10 16V	[M]
C267	ECUVNC104KBV	0.1 16V	[M]
C271	ECEV1CA100SP	10 16V	[M]
C272	ECEV1CA100SP	10 16V	[M]
C273	ECUVNC104KBV	0.1 16V	[M]
C274	ECUVNC104KBV	0.1 16V	[M]
C275	ECUV1H102JCV	1000P 50V	[M]
C276	ECUV1H102JCV	1000P 50V	[M]
C277	ECUV1H220JCV	22P 50V	[M]
C278	ECUV1H220JCV	22P 50V	[M]
C279	ECEV1CA470SP	47 16V	[M]
C280	ECEV1CA470SP	47 16V	[M]
C281	ECUV1H102JCV	1000P 50V	[M]
C282	ECUV1H102JCV	1000P 50V	[M]
C283	ECUV1H103KBV	0.01 50V	[M]
C284	ECUV1H103KBV	0.01 50V	[M]
C285	ECEV1CA100SP	10 16V	[M]
C286	ECUVNC104KBV	0.1 16V	[M]
C287	ECUVNC104KBV	0.1 16V	[M]
C288	ECJ1VB1H472K	4700P 50V	[M]
C289	ECUV1H561JCV	560P 50V	[M]
C290	ECEV1CA470SP	47 16V	[M]
C291	ECUV1H102JCV	1000P 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C292	ECUV1H103KBV	0.01 50V	[M]
C295	ECUV1H103KBV	0.01 50V	[M]
C296	ECUV1H103KBV	0.01 50V	[M]
C299	ECUV1H103KBV	0.01 50V	[M]
C301	ECJ1VC1H470J	47P 50V	[M]
C302	ECJ1VC1H470J	47P 50V	[M]
C303	ECA1CAK470XB	47 16V	[M]
C304	ECA1CAK470XB	47 16V	[M]
C305	ECA1CAK470XB	47 16V	[M]
C306	ECUV1H104KBV	0.1 50V	[M]
C307	ECUV1H104KBV	0.1 50V	[M]
C308	ECA0JAK101XB	100 6.3V	[M]
C309	ECA0JAK101XB	100 6.3V	[M]
C310	ECUV1H103KBV	0.01 50V	[M]
C311	ECA0JAK101XB	100 6.3V	[M]
C312	ECA0JAK101XB	100 6.3V	[M]
C313	ECUV1H103KBV	0.01 50V	[M]
C321	ECA1AAM102XB	1000 10V	[M]
C322	ECA1AAM102XB	1000 10V	[M]
C323	ECA1AAM102XB	1000 10V	[M]
C324	ECA1CAK470XB	47 16V	[M]
C325	ECA1CAK470XB	47 16V	[M]
C326	ECA1CAK470XB	47 16V	[M]
C327	ECA1CAK470XB	47 16V	[M]
C328	ECA1CAK470XB	47 16V	[M]
C329	ECA1CAK470XB	47 16V	[M]
C330	ECUV1H104KBV	0.1 50V	[M]
C331	ECUV1H104KBV	0.1 50V	[M]
C332	ECUV1H104KBV	0.1 50V	[M]
C333	ECA1CAK470XB	47 16V	[M]
C334	ECUV1H103KBV	0.01 50V	[M]
C335	ECA1CAK470XB	47 16V	[M]
C341	ECUV1H103KBV	0.01 50V	[M]
C342	ECUV1H270JCV	27P 50V	[M]
C343	ECA1HAK010XB	1 50V	[M]
C344	ECUV1H220JCV	22P 50V	[M]
C348	ECJ1VB1H102K	1000P 50V	[M]
C349	ECUV1H101JCV	100P 50V	[M]
C350	ECUV1H101JCV	100P 50V	[M]
C351	ECUV1H101JCV	100P 50V	[M]
C352	ECJ1VC1H470J	47P 50V	[M]
C353	ECUV1H103KBV	0.01 50V	[M]
C354	ECA0JAK101XB	100 6.3V	[M]
C355	ECUV1H330JCV	33P 50V	[M]
C356	ECA1HAK3R3XB	3.3 50V	[M]
C357	ECA1CAK330XB	33 16V	[M]
C358	ECA0JAK101XB	100 6.3V	[M]
C361	ECJ1VC1H470J	47P 50V	[M]
C362	ECJ1VC1H470J	47P 50V	[M]
C363	ECUV1H223ZFV	0.022 50V	[M]
C364	ECA1CAK470XB	47 16V	[M]
C365	ECUV1H223ZFV	0.022 50V	[M]
C366	ECA1CAK470XB	47 16V	[M]
C367	ECUV1H223ZFV	0.022 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C368	ECA1CAK470XB	47 16V	[M]
C369	ECJ1VC1H470J	47P 50V	[M]
C370	ECJ1VC1H470J	47P 50V	[M]
C371	ECUV1H104KBV	0.1 50V	[M]
C372	ECUV1H104KBV	0.1 50V	[M]
C373	ECUV1H104KBV	0.1 50V	[M]
C374	ECUV1H104KBV	0.1 50V	[M]
C375	ECA0JAK101XB	100 6.3V	[M]
C376	ECA0JAK101XB	100 6.3V	[M]
C401	ECUV1H101JCV	100P 50V	[M]
C402	ECUV1H101JCV	100P 50V	[M]
C403	ECUV1H101JCV	100P 50V	[M]
C404	ECUV1H101JCV	100P 50V	[M]
C405	ECUV1H101JCV	100P 50V	[M]
C406	ECUV1H101JCV	100P 50V	[M]
C407	ECUV1H101JCV	100P 50V	[M]
C408	ECUV1H101JCV	100P 50V	[M]
C409	ECUV1H101JCV	100P 50V	[M]
C410	ECUV1H101JCV	100P 50V	[M]
C411	ECUV1H101JCV	100P 50V	[M]
C412	ECUV1H101JCV	100P 50V	[M]
C413	ECUV1H101JCV	100P 50V	[M]
C414	ECUV1H101JCV	100P 50V	[M]
C415	ECUV1H101JCV	100P 50V	[M]
C416	ECUV1H101JCV	100P 50V	[M]
C417	ECUV1H101JCV	100P 50V	[M]
C418	ECUV1H101JCV	100P 50V	[M]
C419	ECUV1H101JCV	100P 50V	[M]
C420	ECUV1H101JCV	100P 50V	[M]
C421	ECJ1VB1H331K	330P 50V	[M]
C422	ECJ1VB1H331K	330P 50V	[M]
C423	ECJ1VB1H331K	330P 50V	[M]
C424	ECJ1VB1H331K	330P 50V	[M]
C425	ECUV1H101JCV	100P 50V	[M]
C426	ECUV1H101JCV	100P 50V	[M]
C427	ECUV1H101JCV	100P 50V	[M]
C428	ECUV1H101JCV	100P 50V	[M]
C429	ECUV1H101JCV	100P 50V	[M]
C430	ECUV1H101JCV	100P 50V	[M]
C431	ECUV1H101JCV	100P 50V	[M]
C432	ECUV1H101JCV	100P 50V	[M]
C433	ECUV1H101JCV	100P 50V	[M]
C434	ECUV1H101JCV	100P 50V	[M]
C435	ECUV1H101JCV	100P 50V	[M]
C436	ECUV1H101JCV	100P 50V	[M]
C437	ECUV1H103KBV	0.01 50V	[M]
C438	ECJ1VB1H331K	330P 50V	[M]
C439	ECUV1H104KBV	0.1 50V	[M]
C440	ECUV1H104KBV	0.1 50V	[M]
C441	ECUV1H104KBV	0.1 50V	[M]
C442	ECUV1H104KBV	0.1 50V	[M]
C443	ECUV1H101JCV	100P 50V	[M]
C444	ECUV1H101JCV	100P 50V	[M]
C445	ECUV1H101JCV	100P 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C446	ECUV1H101JCV	100P 50V	[M]
C447	ECUV1H101JCV	100P 50V	[M]
C448	ECUV1H101JCV	100P 50V	[M]
C451	ECUV1H101JCV	100P 50V	[M]
C452	ECUV1H101JCV	100P 50V	[M]
C453	ECA1EAK100XB	10 25V	[M]
C454	ECA1EAK100XB	10 25V	[M]
C455	ECUV1H104KBV	0.1 50V	[M]
C456	ECUV1H104KBV	0.1 50V	[M]
C457	ECUV1H104KBV	0.1 50V	[M]
C458	ECUV1H104KBV	0.1 50V	[M]
C459	ECA1EAK100XB	10 25V	[M]
C460	ECA1EAK100XB	10 25V	[M]
C461	ECJ1VB1H391K	390P 50V	[M]
C462	ECJ1VB1H391K	390P 50V	[M]
C463	ECUV1H104KBV	0.1 50V	[M]
C464	ECA1EAK100XB	10 25V	[M]
C465	ECJ1VC1H151J	150P 50V	[M]
C466	ECJ1VC1H151J	150P 50V	[M]
C467	ECUV1H101JCV	100P 50V	[M]
C468	ECUV1H101JCV	100P 50V	[M]
C469	ECA1EAK100XB	10 25V	[M]
C470	ECA1EAK100XB	10 25V	[M]
C471	ECUV1H104KBV	0.1 50V	[M]
C472	ECUV1H104KBV	0.1 50V	[M]
C473	ECUV1H104KBV	0.1 50V	[M]
C474	ECUV1H104KBV	0.1 50V	[M]
C475	ECA1EAK100XB	10 25V	[M]
C476	ECA1EAK100XB	10 25V	[M]
C477	ECJ1VB1H391K	390P 50V	[M]
C478	ECJ1VB1H391K	390P 50V	[M]
C479	ECUV1H104KBV	0.1 50V	[M]
C480	ECA1EAK100XB	10 25V	[M]
C481	ECJ1VC1H151J	150P 50V	[M]
C482	ECJ1VC1H151J	150P 50V	[M]
C483	ECUV1H101JCV	100P 50V	[M]
C484	ECUV1H101JCV	100P 50V	[M]
C485	ECA1EAK100XB	10 25V	[M]
C486	ECA1EAK100XB	10 25V	[M]
C487	ECUV1H104KBV	0.1 50V	[M]
C488	ECUV1H104KBV	0.1 50V	[M]
C489	ECUV1H104KBV	0.1 50V	[M]
C490	ECUV1H104KBV	0.1 50V	[M]
C491	ECA1EAK100XB	10 25V	[M]
C492	ECA1EAK100XB	10 25V	[M]
C493	ECJ1VB1H391K	390P 50V	[M]
C494	ECJ1VB1H391K	390P 50V	[M]
C495	ECUV1H104KBV	0.1 50V	[M]
C496	ECA1EAK100XB	10 25V	[M]
C497	ECJ1VC1H151J	150P 50V	[M]
C498	ECJ1VC1H151J	150P 50V	[M]
C499	ECUV1H101JCV	100P 50V	[M]
C500	ECUV1H101JCV	100P 50V	[M]
C501	ECA1EAK100XB	10 25V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C502	ECA1EAK100XB	10 25V	[M]
C503	ECUV1H104KBV	0.1 50V	[M]
C504	ECUV1H104KBV	0.1 50V	[M]
C505	ECA1CAK470XB	47 16V	[M]
C506	ECA1EAK100XB	10 25V	[M]
C507	ECUV1H104KBV	0.1 50V	[M]
C535	ECA1CAK330XB	33 16V	[M]
C536	ECUV1C474ZFV	0.47 16V	[M]
C537	ECA1VM221B	220 35V	[M]
C538	ECA1VM221B	220 35V	[M]
C540	ECA1CAK470XB	47 16V	[M]
C541	ECA1CAK470XB	47 16V	[M]
C542	ECA1CAK470XB	47 16V	[M]
C552	ECUV1H101JCV	100P 50V	[M]
C553	ECUV1H101JCV	100P 50V	[M]
C554	ECUV1H104KBV	0.1 50V	[M]
C555	ECUV1H104KBV	0.1 50V	[M]
C556	ECUV1H104KBV	0.1 50V	[M]
C557	ECUV1H104KBV	0.1 50V	[M]
C558	ECUV1H101JCV	100P 50V	[M]
C559	ECUV1H101JCV	100P 50V	[M]
C560	ECUV1H104KBV	0.1 50V	[M]
C561	ECUV1H104KBV	0.1 50V	[M]
C562	ECUV1H104KBV	0.1 50V	[M]
C563	ECUV1H103KBV	0.01 50V	[M]
C564	ECUV1H103KBV	0.01 50V	[M]
C601	EEUPF1H102LE	1000P 50V	[M]
C602	EEUPF1H102LE	1000P 50V	[M]
C603	EEUPF1H102LE	1000P 50V	[M]
C604	EEUPF1H102LE	1000P 50V	[M]
C605	EEUPF1H102LE	1000P 50V	[M]
C606	EEUPF1H102LE	1000P 50V	[M]
C607	F1D1H1040002	0.1 50V	[M]
C608	F1D1H1040002	0.1 50V	[M]
C609	F1D1H1040002	0.1 50V	[M]
C610	F1D1H1040002	0.1 50V	[M]
C611	F1D1H1040002	0.1 50V	[M]
C612	F1D1H1040002	0.1 50V	[M]
C613	F1D1H1040002	0.1 50V	[M]
C614	F1D1H1040002	0.1 50V	[M]
C615	F1D1H1040002	0.1 50V	[M]
C616	F1D1H1040002	0.1 50V	[M]
C617	F1D1H1040002	0.1 50V	[M]
C618	F1D1H1040002	0.1 50V	[M]
C621	ECQE1105KF	1 100V	[M]
C622	ECQE1105KF	1 100V	[M]
C623	ECQE1105KF	1 100V	[M]
C624	ECQE1105KF	1 100V	[M]
C625	ECQE1105KF	1 100V	[M]
C626	ECQE1105KF	1 100V	[M]
C627	ECQE1105KF	1 100V	[M]
C628	ECQE1105KF	1 100V	[M]
C629	ECQE1105KF	1 100V	[M]
C630	ECQE1105KF	1 100V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C631	ECQE1105KF	1 100V	[M]
C632	ECQE1105KF	1 100V	[M]
C641	F1J2E223A005	0.022 250V	[M]
C642	F1J2E223A005	0.022 250V	[M]
C643	F1J2E223A005	0.022 250V	[M]
C644	F1J2E223A005	0.022 250V	[M]
C645	F1J2E223A005	0.022 250V	[M]
C647	F1J2E223A005	0.022 250V	[M]
C648	F1J2E223A005	0.022 250V	[M]
C649	F1J2E223A005	0.022 250V	[M]
C650	F1J2E223A005	0.022 250V	[M]
C651	F1J2E223A005	0.022 250V	[M]
C652	F1J2E223A005	0.022 250V	[M]
C656	ECUV1H104KBV	0.1 50V	[M]
C661	ECUV1H104KBV	0.1 50V	[M]
C662	ECUV1H104KBV	0.1 50V	[M]
C663	ECUV1H104KBV	0.1 50V	[M]
C664	ECUV1H104KBV	0.1 50V	[M]
C665	ECUV1H104KBV	0.1 50V	[M]
C666	ECUV1H104KBV	0.1 50V	[M]
C667	ECUV1H104KBV	0.1 50V	[M]
C668	ECUV1H104KBV	0.1 50V	[M]
C669	ECUV1H104KBV	0.1 50V	[M]
C670	ECUV1H104KBV	0.1 50V	[M]
C671	ECUV1H104KBV	0.1 50V	[M]
C672	ECUV1H104KBV	0.1 50V	[M]
C680	ECUVNC104KBV	0.1 16V	[M]
C681	ECUVNC104KBV	0.1 16V	[M]
C682	ECUVNC104KBV	0.1 16V	[M]
C683	ECUVNC104KBV	0.1 16V	[M]
C684	ECUVNC104KBV	0.1 16V	[M]
C685	ECUVNC104KBV	0.1 16V	[M]
C686	ECUVNC104KBV	0.1 16V	[M]
C687	ECUVNC104KBV	0.1 16V	[M]
C688	ECUVNC104KBV	0.1 16V	[M]
C689	ECUVNC104KBV	0.1 16V	[M]
C690	ECUVNC104KBV	0.1 16V	[M]
C691	ECUVNC104KBV	0.1 16V	[M]
C701	ECQU2A104MLC	0.1 100V	[M] ⚠
C702	ECQU2A104MLC	0.1 100V	[M] ⚠
C703	F1BAF2220006	2200P 10V	[M] ⚠
C704	F1BAF2220006	2200P 10V	[M] ⚠
C706	ECQU2A104MLC	0.1 100V	[M] ⚠
C707	EETBA2D821EA	820 200V	[M]
C708	ECKR2H103ZU	0.01 500V	[M]
C709	F1D1H471A012	470P 50V	[M]
C710	ECQP6332JUB	0.063	[M]
C711	ECA1EAK470XB	47 25V	[M]
C712	F1D1H221A012	220P 50V	[M]
C713	F1D1H102A012	1000P 50V	[M]
C714	F1BAF2220006	2200P 10V	[M] ⚠
C715	ECKR2H103ZU	0.01 500V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C716	ECJ1VB1H102K	1000P 50V	[M]
C717	EEUPF1H102XE	1000P 50V	[M]
C718	EEUPF1H102XE	1000P 50V	[M]
C719	ECA1HAK010XB	1 50V	[M]
C720	ECBT1H103KB5	0.01 50V	[M]
C724	ECBT1H103KB5	0.01 50V	[M]
C725	ECKWRS102MBC	1000P 400V	[M] ⚠
C726	ECA1HAK4R7XB	4.7 50V	[M]
C727	ECBT1H103KB5	0.01 50V	[M]
C728	ECA1CAM102XB	1000 16V	[M]
C729	ECBT1H103KB5	0.01 50V	[M]
C730	ECA1CAK100XB	10 16V	[M]
C731	ECA1HAK010XB	1 50V	[M]
C732	ECA1HM471E	470 50V	[M]
C733	ECUV1H332KBV	3300P 50V	[M]
C734	ECUV1H471KBV	470P 50V	[M]
C735	F1J2A221A007	220P 100V	[M]
C736	ECJ1VB1H102K	1000P 50V	[M]
C737	ECUV1H471KBV	470P 50V	[M]
C738	ECJ1VB1H472K	4700P 50V	[M]
C739	ECUV1H103KBV	0.01 50V	[M]
C740	ECUV1H103KBV	0.01 50V	[M]
C741	ECJ1VB1H102K	1000P 50V	[M]
C742	F1J2A1020002	1000P 100V	[M]
C743	F1J2A1020002	1000P 100V	[M]
C744	F1J2E1020002	1000P 250V	[M]
C745	ECJ1VB1H102K	1000P 50V	[M]
C746	EEUFC1A102B	1000P 10V	[M]
C747	EEUFC1C102SE	1000P 16V	[M]
C748	ECA1CAM471XB	470 16V	[M]
C749	ECA1VAM101XB	100 35V	[M]
C750	ECA1AAK221XB	220 10V	[M]
C751	ECA1CAK101XB	100 16V	[M]
C752	ECA1CAK101XB	100 16V	[M]
C753	ECA1CAK101XB	100 16V	[M]
C754	ECJ1VF1C104Z	0.1 16V	[M]
C755	ECJ1VF1C104Z	0.1 16V	[M]
C756	ECA1HAK010XB	1 50V	[M]
C757	ECA1HAK4R7XB	4.7 50V	[M]
C758	ECUV1H103KBV	0.01 50V	[M]
C760	ECA1CAK100XB	10 16V	[M]
C761	F1K2A1040003	0.1 100V	[M]
C762	F1J2A103A016	0.01 100V	[M]
C763	F1K2A1040003	0.1 100V	[M]
C764	F1J2A103A016	0.01 100V	[M]
C765	EEUPF1J102UE	1000P 63V	[M]
C766	F1K2A1040003	0.1 100V	[M]
C767	F1J2A103A016	0.01 100V	[M]
C768	EEUPF1J102UE	1000P 63V	[M]
C769	EEUPF1J102UE	1000P 63V	[M]
C770	EEUPF1J102UE	1000P 63V	[M]
C771	EEUPF1J102UE	1000P 63V	[M]
C772	F1L2E224A008	0.22 250V	[M]
C773	F1L2E224A008	0.22 250V	[M]

[illegible]	[illegible]	[illegible]	[illegible]

Ref. No.	Part No.	Part Name & Description	Remarks
C774	F1J2A103A016	0.01 100V	[M]
C775	ECUV1H104KBV	0.1 50V	[M]
C776	EEUPF1H102XE	1000P 50V	[M]
C777	ECJ1VB1H102K	1000P 50V	[M]
C778	ECUVNC104KBV	0.1 16V	[M]
C779	ECUV1H220JCV	22P 50V	[M]
C780	ECJ1VB1H102K	1000P 50V	[M]
C781	ECUVNC104KBV	0.1 16V	[M]
C782	ECA1CAK100XB	10 16V	[M]
C783	ECA1CAK100XB	10 16V	[M]
C784	ECUV1H220JCV	22P 50V	[M]
C785	ECJ1VB1H472K	4700P 50V	[M]
C786	ECUV1H101JCV	100P 50V	[M]
C787	F1J2A221A007	220P 100V	[M]
C788	F1H1A224A028	0.22 10V	[M]
C789	F1J2A221A007	220P 100V	[M]
C790	ECUVNC104KBV	0.1 16V	[M]
C791	ECUVNC104KBV	0.1 16V	[M]
C792	F1J2A221A007	220P 100V	[M]
C793	ECUV1H220JCV	22P 50V	[M]
C794	ECUV1H220JCV	22P 50V	[M]
C795	ECUV1H560JCV	56P 50V	[M]
C796	ECUV1H560JCV	56P 50V	[M]
C797	ECUV1H103KBV	0.01 50V	[M]
C798	ECUVNC104KBV	0.1 16V	[M]
C799	ECUVNC104KBV	0.1 16V	[M]
C801	ECEV0JA102UP	1000 6.3V	[M]
C802	ECEV0JA102UP	1000 6.3V	[M]
C803	ECUVNC104KBV	0.1 16V	[M]
C804	ECJ1VB1H102K	1000P 50V	[M]
C805	ECEV0JA101SP	100 6.3V	[M]
C806	ECEV1AA220WR	22 10V	[M]
C807	ECUV1H561JCV	560P 50V	[M]
C808	ECUV1H561JCV	560P 50V	[M]
C809	ECJ1VB1H102K	1000P 50V	[M]
C810	ECUV1H103KBV	0.01 50V	[M]
C811	ECUV1H103KBV	0.01 50V	[M]
C812	ECUV1H103KBV	0.01 50V	[M]
C813	ECEV1HA2R2SR	2.2 50V	[M]
C814	ECUV1H103KBV	0.01 50V	[M]
C821	ECEV1HA2R2SR	2.2 50V	[M]
C822	ECEV1HA2R2SR	2.2 50V	[M]
C823	ECUV1H104KBV	0.1 50V	[M]
C824	ECUV1H104KBV	0.1 50V	[M]
C825	ECUV1H104KBV	0.1 50V	[M]
C826	ECUV1H104KBV	0.1 50V	[M]
C827	ECUV1H104KBV	0.1 50V	[M]
C828	ECUV1H104KBV	0.1 50V	[M]
C855	ECUV1H220JCV	22P 50V	[M]
C856	ECUV1H220JCV	22P 50V	[M]
C857	ECUV1H220JCV	22P 50V	[M]
C858	ECUV1H220JCV	22P 50V	[M]
C859	ECUV1H220JCV	22P 50V	[M]
C860	ECUV1H220JCV	22P 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C861	ECUV1H220JCV	22P 50V	[M]
C862	ECUV1H220JCV	22P 50V	[M]
C863	ECUV1H220JCV	22P 50V	[M]
C864	ECUV1H220JCV	22P 50V	[M]
C865	ECUV1H220JCV	22P 50V	[M]
C867	ECUV1H220JCV	22P 50V	[M]
C868	ECUV1H220JCV	22P 50V	[M]
C869	ECUV1H220JCV	22P 50V	[M]
C877	ECUVNC104KBV	0.1 16V	[M]
C881	F1D1H102A012	1000P 50V	[M]
C882	F1D1H102A012	1000P 50V	[M]
C883	F1D1H102A012	1000P 50V	[M]
C884	F1D1H102A012	1000P 50V	[M]
C885	F1D1H102A012	1000P 50V	[M]
C886	F1D1H102A012	1000P 50V	[M]
C887	F1D1H102A012	1000P 50V	[M]
C888	F1D1H102A012	1000P 50V	[M]
C889	F1D1H102A012	1000P 50V	[M]
C890	F1D1H102A012	1000P 50V	[M]
C891	F1D1H102A012	1000P 50V	[M]
C892	F1D1H102A012	1000P 50V	[M]
C893	F1J2A1020002	1000P 100V	[M]
C894	EEUPF1H102XE	1000P 50V	[M]
C896	F1J2E1030004	0.01 250V	[M]
C899	ECA1CAK470XB	47 16V	[M]
C900	ECA1CAK470XB	47 16V	[M]
C901	ECA1HAK220XB	22 50V	[M]
C902	ECA1HAK220XB	22 50V	[M]
C905	ECA1HAK100XB	10 50V	[M]
C906	ECA1HAK100XB	10 50V	[M]
C907	ECA1HM101B	100 50V	[M]
C908	ECUV1H104KBV	0.1 50V	[M]
C909	ECUV1H104KBV	0.1 50V	[M]
C910	ECUV1H104KBV	0.1 50V	[M]
C911	ECJ1VB1H331K	330P 50V	[M]
C912	ECJ1VB1H331K	330P 50V	[M]
C913	ECJ1VB1H331K	330P 50V	[M]
C914	ECJ1VB1H331K	330P 50V	[M]
C915	ECJ1VB1H331K	330P 50V	[M]
C916	ECJ1VB1H331K	330P 50V	[M]
C917	ECJ1VB1H331K	330P 50V	[M]
C918	ECJ1VB1H331K	330P 50V	[M]
C919	ECJ1VB1H331K	330P 50V	[M]
C920	ECJ1VB1H331K	330P 50V	[M]
C951	ECUV1H101JCV	100P 50V	[M]
C952	ECUV1H101JCV	100P 50V	[M]
C953	ECUV1H101JCV	100P 50V	[M]
C954	ECA1CAK100XB	10 16V	[M]
C955	ECUV1H103KBV	0.01 50V	[M]
C956	ECUV1H103KBV	0.01 50V	[M]
C961	ECUV1H101JCV	100P 50V	[M]
C962	ECUV1H101JCV	100P 50V	[M]
C963	ECUV1H104KBV	0.1 50V	[M]
C991	F1H1H473A748	0.047 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C992	F1H1H473A748	0.047 50V	[M]
C995	ECUV1H104KBV	0.1 50V	[M]
C1001	ECUVNC104KBV	0.1 16V	[M]
C1002	ECUVNC104KBV	0.1 16V	[M]
C1003	ECUVNC104KBV	0.1 16V	[M]
C1004	ECJ1VC1H120J	12P 50V	[M]
C1005	ECUVNC104KBV	0.1 16V	[M]
C1006	ECEV0JA470SR	47 6.3V	[M]
C1007	ECUV1H180JCV	18P 50V	[M]
C1008	ECJ1VC1H120J	12P 50V	[M]
C1009	ECUVNC104KBV	0.1 16V	[M]
C1010	ECUV1H180JCV	18P 50V	[M]
C1011	ECEV1CA100SR	10 16V	[M]
C1012	ECEV1CA100SR	10 16V	[M]
C1013	ECUV1H101JCV	100P 50V	[M]
C1014	ECUVNC104KBV	0.1 16V	[M]
C1015	ECUVNC104KBV	0.1 16V	[M]
C1016	ECUV1H330JCV	33P 50V	[M]
C1017	ECUVNC104KBV	0.1 16V	[M]
C1018	ECUV1H101JCV	100P 50V	[M]
C1019	ECUV1H100DCV	10P 50V	[M]
C1020	ECUVNC104KBV	0.1 16V	[M]
C1021	ECUVNC104KBV	0.1 16V	[M]
C1022	ECEV1CA100SR	10 16V	[M]
C1023	ECEV1CA100SR	10 16V	[M]
C1024	ECUVNC104KBV	0.1 16V	[M]
C1025	ECUV1H101JCV	100P 50V	[M]
C1026	ECUV1H101JCV	100P 50V	[M]
C1027	ECEV1CA100SR	10 16V	[M]
C1028	ECUVNC104KBV	0.1 16V	[M]
C1029	ECUVNC104KBV	0.1 16V	[M]
C1030	ECEV1CA100SR	10 16V	[M]
C1031	ECUV1H101JCV	100P 50V	[M]
C1032	ECUV1H101JCV	100P 50V	[M]
C1033	ECUV1H101JCV	100P 50V	[M]
C1034	ECUV1H101JCV	100P 50V	[M]
C1035	ECUVNC104KBV	0.1 16V	[M]
C1036	ECEV0JA470SR	47 6.3V	[M]
C1037	ECUV1H100DCV	10P 50V	[M]
C1038	ECJ1VB1A474K	0.47 10V	[M]
C1039	ECUVNC104KBV	0.1 16V	[M]
C1040	ECEV1CA100SR	10 16V	[M]
C1041	ECUV1H220JCV	22P 50V	[M]
C1042	ECUVNC104KBV	0.1 16V	[M]
C1043	ECJ1VC1H680K	68P 50V	[M]
C1044	F1K1C2250005	22 16V	[M]
C1045	ECUVNC104KBV	0.1 16V	[M]
C1046	ECEV1CA100SR	10 16V	[M]
C1047	ECJ1VB1H122K	1200P 50V	[M]
C1048	ECEV1CA100SR	10 16V	[M]
C1049	ECUVNC104KBV	0.1 16V	[M]
C1050	ECEV1CA100SR	10 16V	[M]
C1051	ECUVNC104KBV	0.1 16V	[M]
C1053	ECUVNC104KBV	0.1 16V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C1054	ECUVNC104KBV	0.1 16V	[M]
C1055	ECEV1CA100SR	10 16V	[M]
C1056	ECUVNC104KBV	0.1 16V	[M]
C1057	ECUV1H100DCV	10P 50V	[M]
C1058	ECEV1CA100SR	10 16V	[M]
C1059	ECUVNC104KBV	0.1 16V	[M]
C1060	ECUVNC104KBV	0.1 16V	[M]
C1061	ECUVNC104KBV	0.1 16V	[M]
C1062	ECEV1CA100SR	10 16V	[M]
C1063	ECEV1CA100SR	10 16V	[M]
C1064	ECUV1H103KBV	0.01 50V	[M]
C1065	ECUVNC104KBV	0.1 16V	[M]
C1066	ECEV0JA470SR	47 6.3V	[M]
C1067	ECUVNC104KBV	0.1 16V	[M]
C1068	ECUVNC104KBV	0.1 16V	[M]
C1069	ECJ1VB1H102K	1000P 50V	[M]
C1070	ECEV1CA100SR	10 16V	[M]
C1071	ECJ1VB1H102K	1000P 50V	[M]
C1072	ECJ1VB1H102K	1000P 50V	[M]
C1073	ECUVNC104KBV	0.1 16V	[M]
C1074	ECUVNC104KBV	0.1 16V	[M]
C1075	ECUV1H101JCV	100P 50V	[M]
C1076	ECUV1H101JCV	100P 50V	[M]
C1077	ECEV1CA100SR	10 16V	[M]
C1078	ECUVNC104KBV	0.1 16V	[M]
C1079	ECUVNC104KBV	0.1 16V	[M]
C1080	ECUVNC104KBV	0.1 16V	[M]
C1081	ECUVNC104KBV	0.1 16V	[M]
C1082	ECUVNC104KBV	0.1 16V	[M]
C1083	ECJ1VB1H102K	1000P 50V	[M]
C1084	ECEV1CA100SR	10 16V	[M]
C1085	ECUV1H101JCV	100P 50V	[M]
C1086	ECUV1H101JCV	100P 50V	[M]
C1087	ECEV1CA100SR	10 16V	[M]
C1088	ECUV1H101JCV	100P 50V	[M]
C1089	ECUV1H101JCV	100P 50V	[M]
C1090	ECUV1H101JCV	100P 50V	[M]
C1091	ECUV1H101JCV	100P 50V	[M]
C1092	ECEV0JA470SR	47 6.3V	[M]
C1093	ECUVNC104KBV	0.1 16V	[M]
C1094	ECUV1H103KBV	0.01 50V	[M]
C1095	ECUVNC104KBV	0.1 16V	[M]
C1096	ECEV1CA100SR	10 16V	[M]
C1097	ECJ1VB1H102K	1000P 50V	[M]
C1098	ECEV0JA101SP	100 6.3V	[M]
C1099	ECUV1H101JCV	100P 50V	[M]
C1100	ECUV1H101JCV	100P 50V	[M]
C1101	ECEV1CA100SR	10 16V	[M]
C1102	ECUVNC104KBV	0.1 16V	[M]
C1103	ECUVNC104KBV	0.1 16V	[M]
C1104	ECUVNC104KBV	0.1 16V	[M]
C1105	ECUVNC104KBV	0.1 16V	[M]
C1106	ECUVNC104KBV	0.1 16V	[M]
C1107	ECUVNC104KBV	0.1 16V	[M]

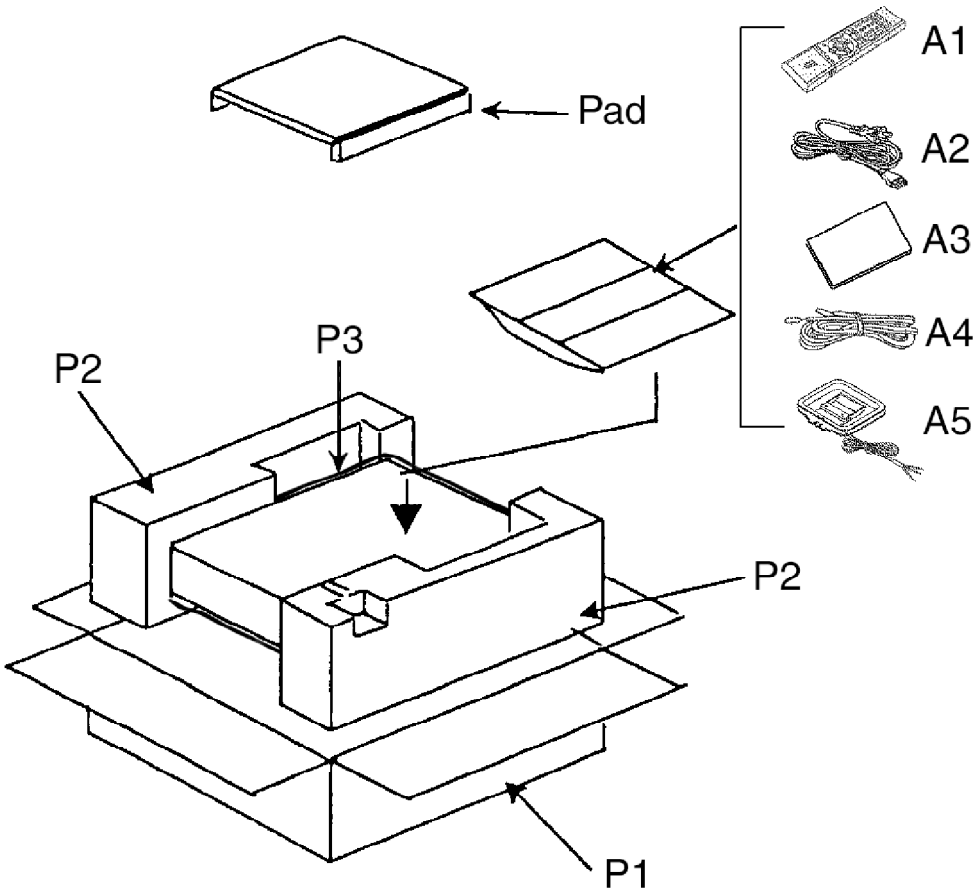
Ref. No.	Part No.	Part Name & Description	Remarks
C1108	ECJ1VB1H102K	1000P 50V	[M]
C1109	ECEV1CA100SR	10 16V	[M]
C1110	ECUV1H101JCV	100P 50V	[M]
C1111	ECUV1H101JCV	100P 50V	[M]
C1112	ECEV1CA100SR	10 16V	[M]
C1113	ECEV1HA010SR	1 50V	[M]
C1114	ECEV0JA470SR	47 6.3V	[M]
C1115	ECUVNC104KBV	0.1 16V	[M]
C1116	ECUVNC104KBV	0.1 16V	[M]
C1117	ECEV1CA100SR	10 16V	[M]
C1118	ECJ1VB1H102K	1000P 50V	[M]
C1119	ECUV1H100DCV	10P 50V	[M]
C1120	ECUV1H101JCV	100P 50V	[M]
C1121	ECUV1H101JCV	100P 50V	[M]
C1122	ECEV1CA100SR	10 16V	[M]
C1123	ECUVNC104KBV	0.1 16V	[M]
C1124	ECUVNC104KBV	0.1 16V	[M]
C1125	ECUVNC104KBV	0.1 16V	[M]
C1126	ECUVNC104KBV	0.1 16V	[M]
C1127	ECJ1VB1H102K	1000P 50V	[M]
C1128	ECEV1CA100SR	10 16V	[M]
C1129	ECUV1H103KBV	0.01 50V	[M]
C1130	ECUV1H101JCV	100P 50V	[M]
C1131	ECUV1H101JCV	100P 50V	[M]
C1132	ECEV1CA100SR	10 16V	[M]
C1133	ECUVNC104KBV	0.1 16V	[M]
C1134	ECUV1H100DCV	10P 50V	[M]
C1135	ECUV1H103KBV	0.01 50V	[M]
C1136	ECEV1CA100SR	10 16V	[M]
C1137	ECUV1H100DCV	10P 50V	[M]
C1138	ECUV1H100DCV	10P 50V	[M]
C1139	ECUV1H100DCV	10P 50V	[M]
C1140	ECUV1H100DCV	10P 50V	[M]
C1141	ECUVNC104KBV	0.1 16V	[M]
C1142	ECUV1H100DCV	10P 50V	[M]
C1143	ECEV1CA100SR	10 16V	[M]
C1144	ECUV1H100DCV	10P 50V	[M]
C1145	ECUVNC104KBV	0.1 16V	[M]
C1146	ECUVNC104KBV	0.1 16V	[M]
C1147	ECUVNC104KBV	0.1 16V	[M]
C1148	ECUV1H101JCV	100P 50V	[M]
C9607	ECUV1H104KBV	0.1 50V	[M]
C9608	ECUV1H104KBV	0.1 50V	[M]
C9609	ECUV1H104KBV	0.1 50V	[M]
C9610	ECUV1H104KBV	0.1 50V	[M]
C9611	ECUV1H104KBV	0.1 50V	[M]
C9612	ECUV1H104KBV	0.1 50V	[M]
C9613	ECUV1H104KBV	0.1 50V	[M]
C9614	ECUV1H104KBV	0.1 50V	[M]
C9615	ECUV1H104KBV	0.1 50V	[M]
C9616	ECUV1H104KBV	0.1 50V	[M]
C9617	ECUV1H104KBV	0.1 50V	[M]
C9618	ECUV1H104KBV	0.1 50V	[M]

15.3. Packing Materials & Accessories Parts List

Ref. No.	Part No.	Part Name & Description	Remarks
		PACKING MATERIALS	
P1	RPG6392	PACKING CASE	[M]K
P1	RPG6393	PACKING CASE	[M]S
P2	RPN1587-1	POLYFOAM	[M]
P3	RPHV0001	MIRAMAT SHEET	[M]
		ACCESSORIES	
A1	EUR7622X10	REMOTE CONTROL	[M]
A1-1	UR76EC1503A	R/C BATTERY COVER	[M]
A2	K2CB2CB00006	AC CORD	[M] ⚠
A3	RQT6840-1P	O/I BOOK (En)	[M]
A3	RQT6841-1C	O/I BOOK (Cf)	[M]
A3	RQT6955-1P	O/I BOOK (En)	[M]
A3	RQT6956-1C	O/I BOOK (Cf)	[M]
A4	RSA0006-L	FM ANTENNA WIRE	[M]
A5	RSA0037	AM LOOP ANTENA	[M]

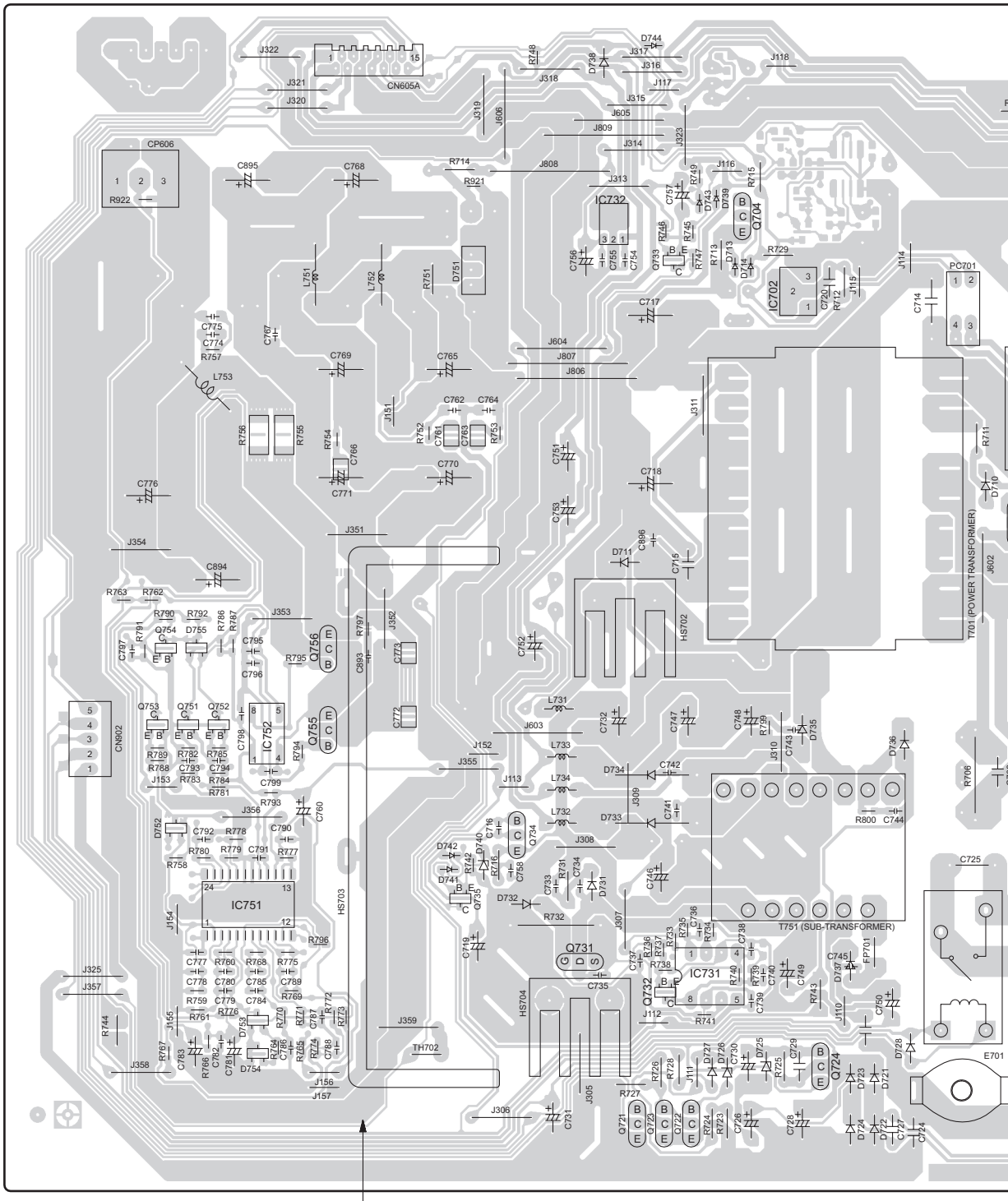
15.4. Packaging

ACCESSORIES CASE
A1 : REMOTE CONTROL
A2 : AC CORD
A3 : O/I BOOK
A4 : FM ANTENNA WIRE
A5 : AM LOOP ANTENNA

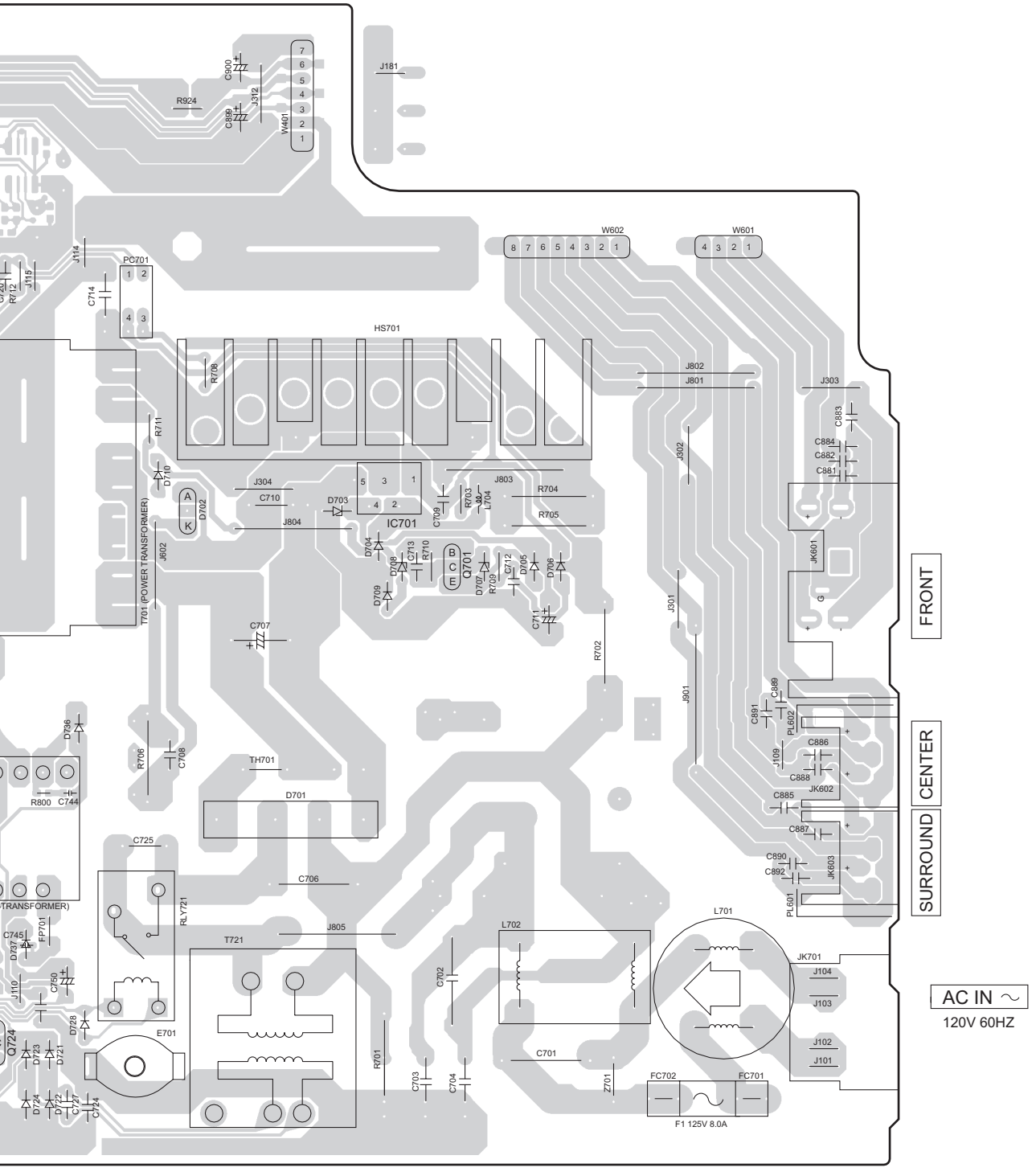


FLE0303D/K/J/E/A/L

K POWER SUPPLY P.C.B. (REP3483D-P)

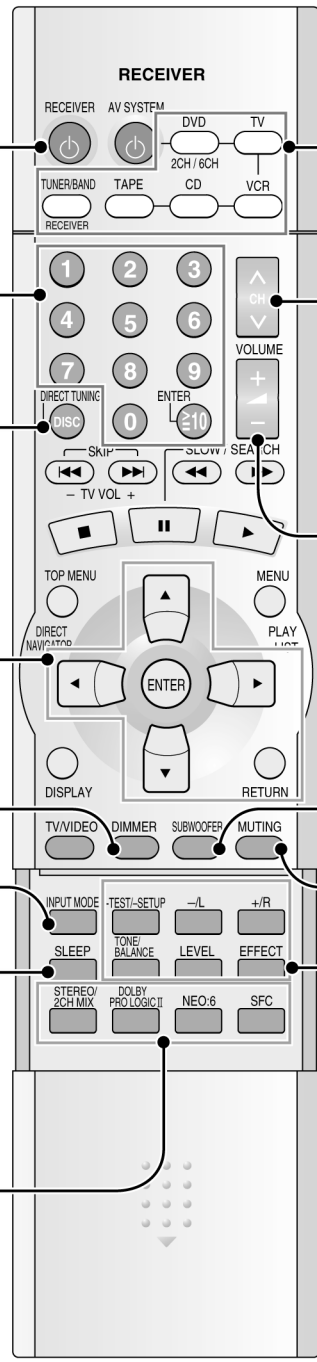


CAUTION
RISK OF ELECTRIC SHOCK
AC VOLTAGE LINE. PLEASE DO NOT
TOUCH THIS P.C.B


J181
W401
C900
J312
C889
R924
W602
W601
PC701
J114
J115
C714
HS701
R708
R711
D710
J304
C710
D703
IC701
J803
R704
R705
L704
R703
C709
D702
J804
J602
T701 (POWER TRANSFORMER)
D704
D706
C713
R710
Q701
D707
R709
C712
D705
D708
D709
C711
C707
R702
J802
J801
J303
J302
C883
C884
C882
C881
JK601
J301
J901
C891
C889
PL602
C886
J109
C888
JK602
C885
C887
C890
C892
JK603
PL601
FRONT
CENTER
SURROUND
D726
R706
C708
TH701
D701
R800
C744
C725
C706
RLY721
J805
T721
L702
L701
JK701
J104
J103
J102
J101
C745
D737
FP701
C750
J110
D728
E701
Q724
D723
D721
D724
D722
C727
C724
C702
R701
C703
C704
C701
Z701
FC702
FC701
F1 125V 8.0A
AC IN
120V 60HZ

Remote control

Buttons not explained on this page are used only to operate other equipment. Refer to the separate Remote Control Operation Guide for details.



[⏻, RECEIVER]
Standby/on button.

[1, 2, 3, 4, 5, 6, 7, 8, 9, 0]
To enter radio frequencies and channels.

[≧10, ENTER]
To enter two digit channels.

[DISC, DIRECT TUNING]
To enable selection of radio stations by frequency.

[▲,▼,◀, ▶, ENTER, RETURN]
To operate the on screen menus.

[DIMMER]
For dimming the unit's display and turning off the panel light.

[INPUT MODE]
For selecting AUTO, ANALOG or DIGITAL.

[SLEEP]
To start the sleep timer.

[STEREO/2CH MIX]
For selecting STEREO or 2CH MIX mode.

[DOLBY PRO LOGIC Ⅱ]
For selecting a Dolby Pro Logic Ⅱ mode: MOVIE, MUSIC or PANORAMA.

[NEO:6]
For selecting a NEO:6 mode: CINEMA or MUSIC.

[SFC]
For selecting SFC modes.

[DVD 2CH/6CH, TV, TUNER/BAND RECEIVER, TAPE, CD, VCR]
[DVD 2CH/6CH, TV,
Input mode and remote control mode buttons.
DVD 2CH/6CH: For switching between 6-channel and 2-channel DVD input.

These buttons light when you press other buttons to indicate the current remote control mode.

[∧, CH, ∨]
For selecting preset radio channels.

[+, –, VOLUME]
To adjust the volume.

[SUBWOOFER]
For selecting subwoofer level.
Adjust the level in 5 steps:
SW MIN, SW 5, SW 10, SW 15, and SW MAX.
Select SW – – – to stop output.

[MUTING]
To mute the volume.

[-TEST/–SETUP]
To start the speaker test signal or enter the setup menu.

[TONE/BALANCE]
To adjust the bass, treble and front speaker balance.

[LEVEL]
Use when adjusting speaker level.

[EFFECT]
Use when adjusting Dolby Pro Logic Ⅱ, NEO:6 or SFC effects.

[–/L, +/R]
First select SLEEP, EFFECT, LEVEL, TONE or BALANCE, then press [–/L] or [+/R] to adjust.

For your reference

- **When DVD 6CH input is on**
  Speaker settings are ineffective. Change the settings on the DVD player if necessary.
- **When using the subwoofer**
  You cannot adjust subwoofer level if DVD 6CH INPUT is selected.
  Sound can be distorted if you raise the volume while subwoofer level is high. Reduce subwoofer level if this occurs.
- **When muting is on**
  Muting is also canceled when the unit is turned off.

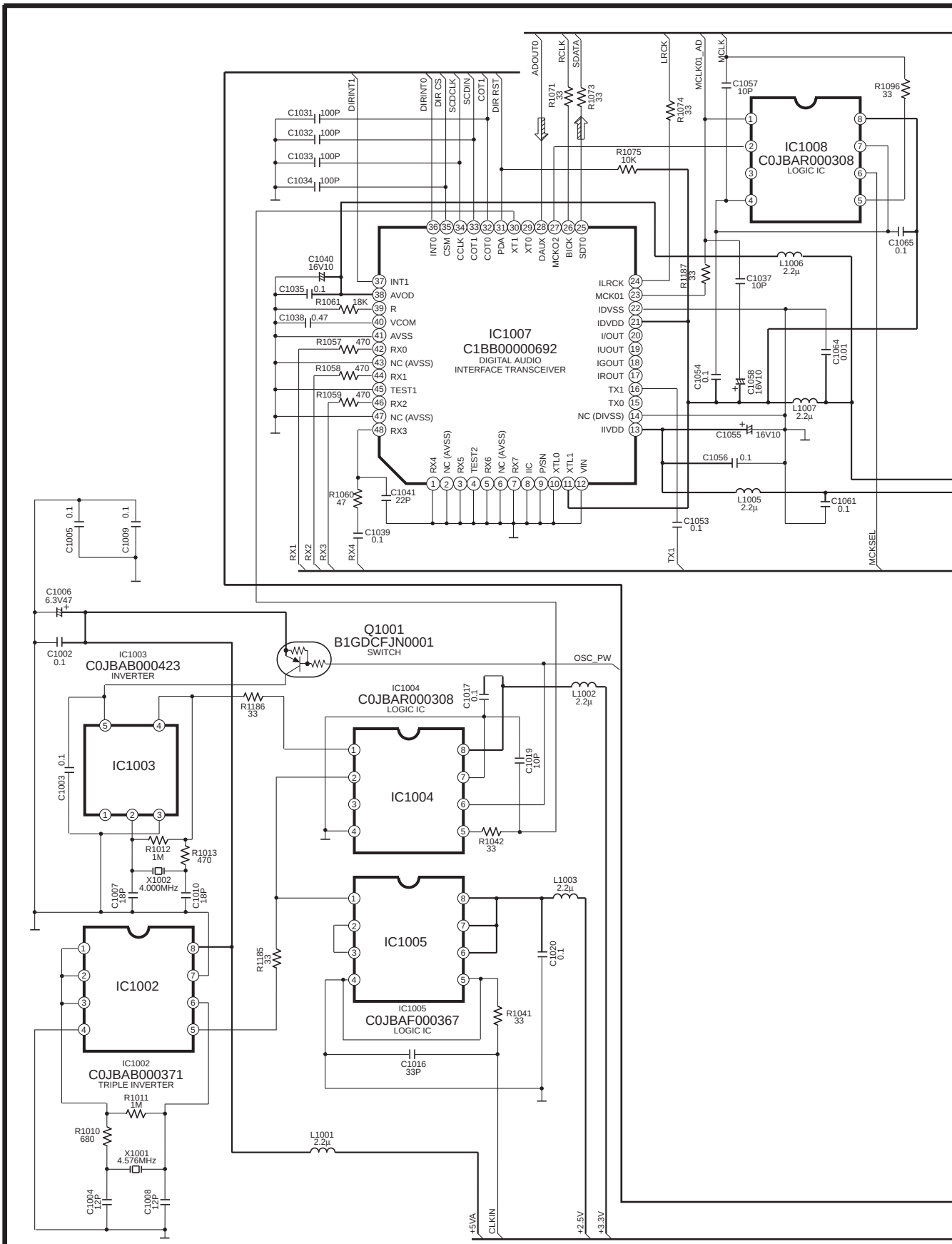
SCHEMATIC DIAGRAM-1

A DSP (SIDE A) DSP (SIDE B)

DSP CIRCUIT

—— : +B Signal line

⇒ : Main Signal line



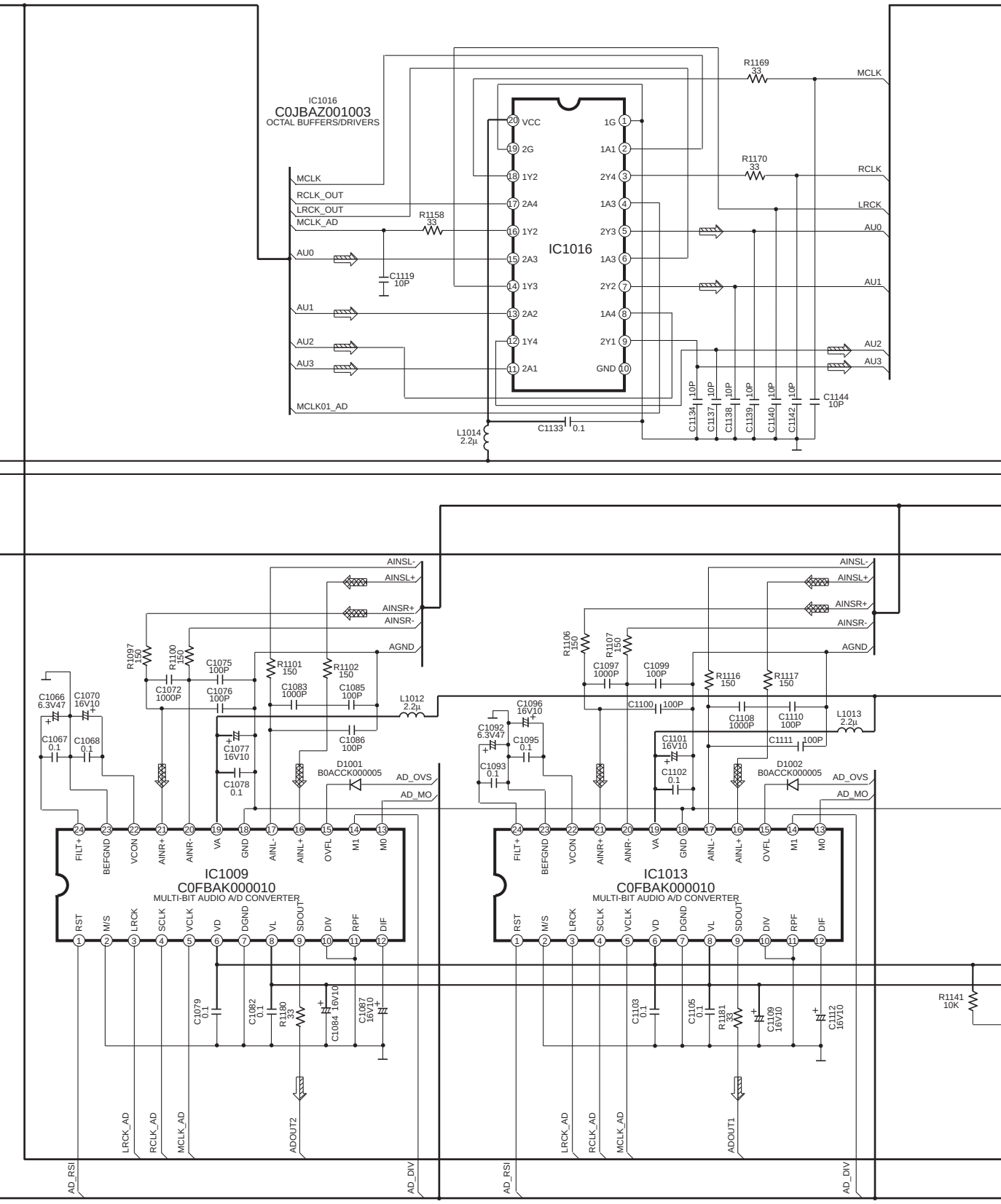
SCHEMATIC DIAGRAM-2

A DSP CIRCUIT

—— : +B Signal line

: DVD(AUDIO) Signal line

: Main Signal line



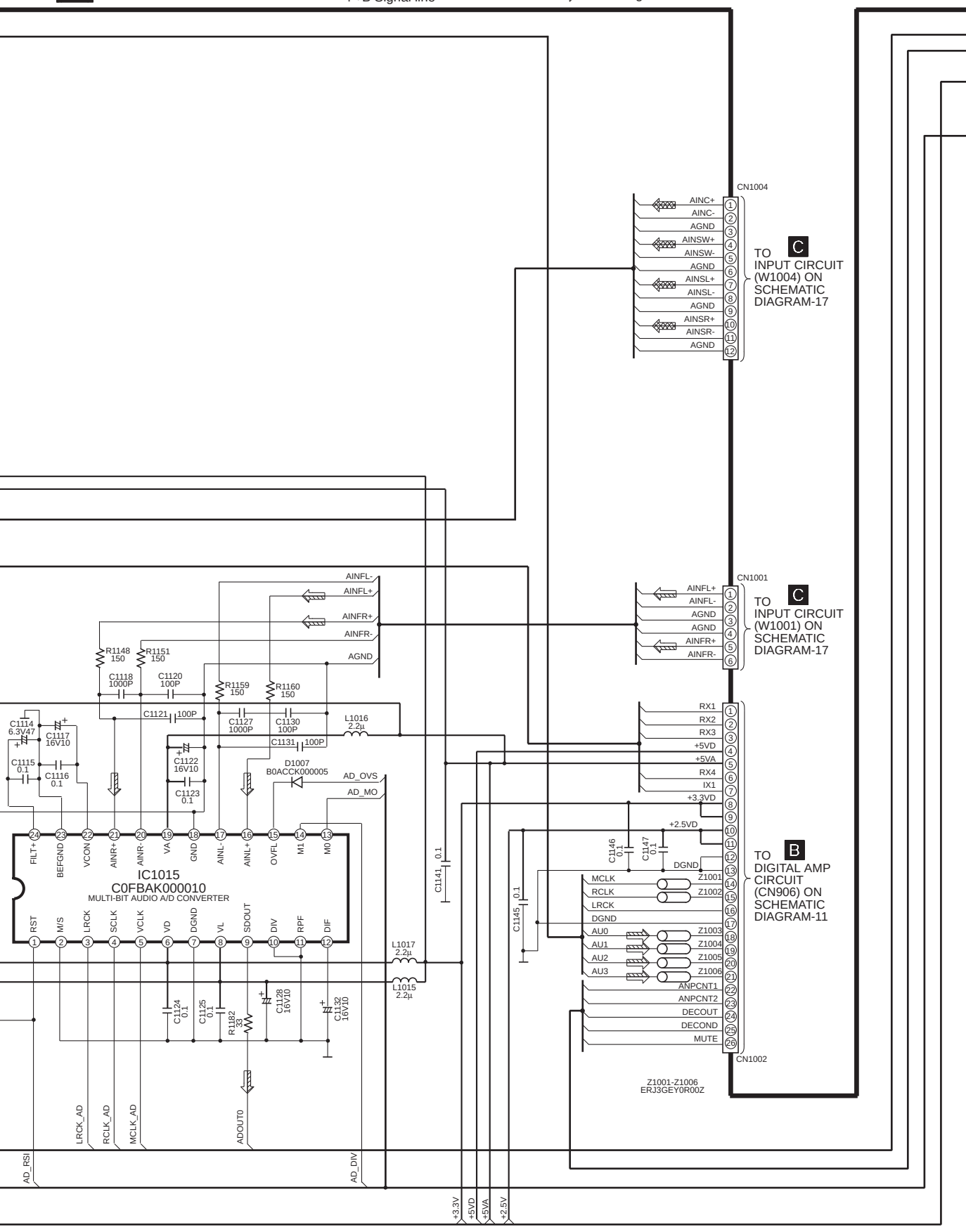
SCHEMATIC DIAGRAM-3

A DSP CIRCUIT

—— : +B Signal line

: DVD(AUDIO) Signal line

: Main Signal line

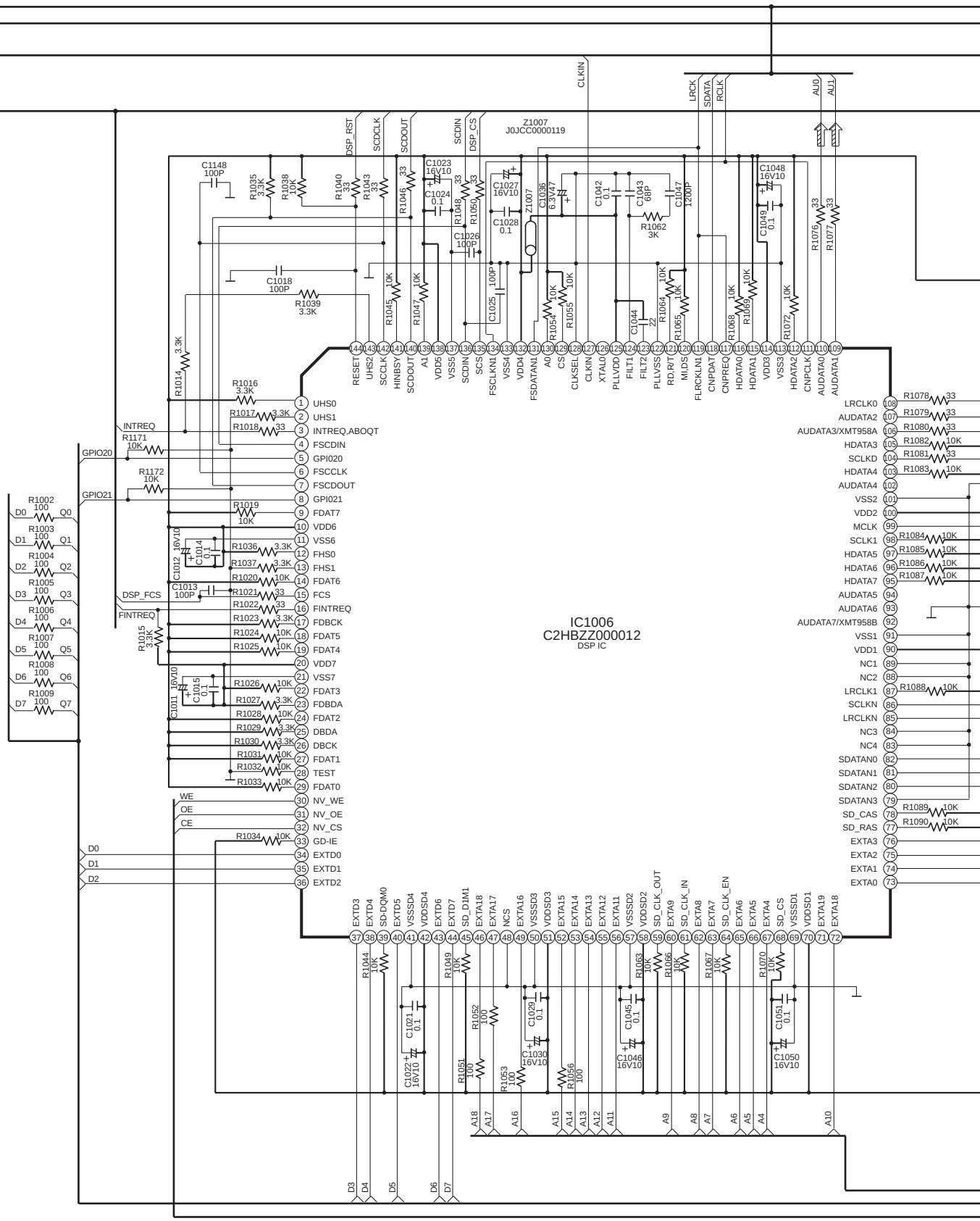


SCHEMATIC DIAGRAM-4

A DSP CIRCUIT

—— : +B Signal line

⇨ : Main Signal line

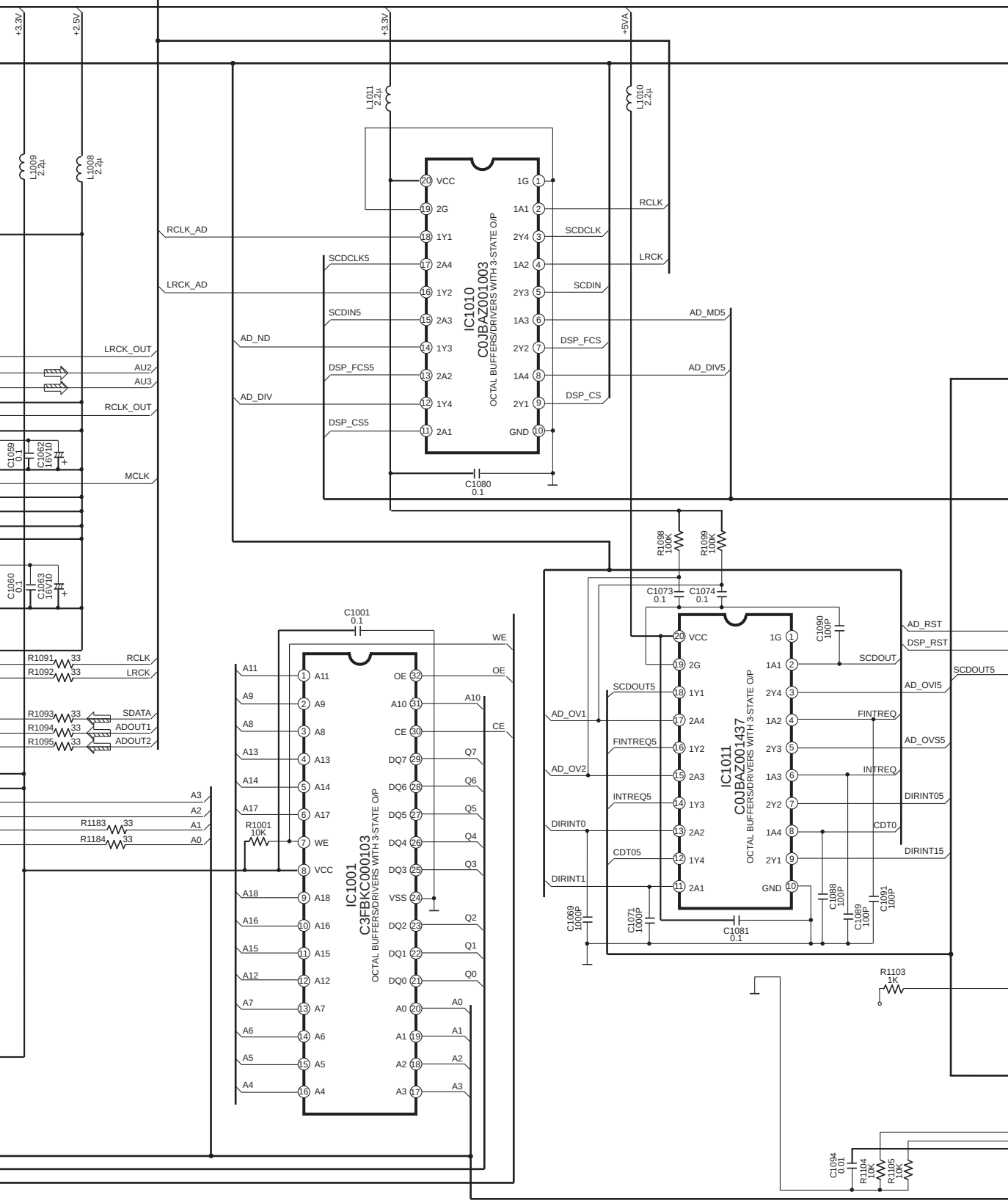


SCHEMATIC DIAGRAM-5

A DSP CIRCUIT

—— : +B Signal line

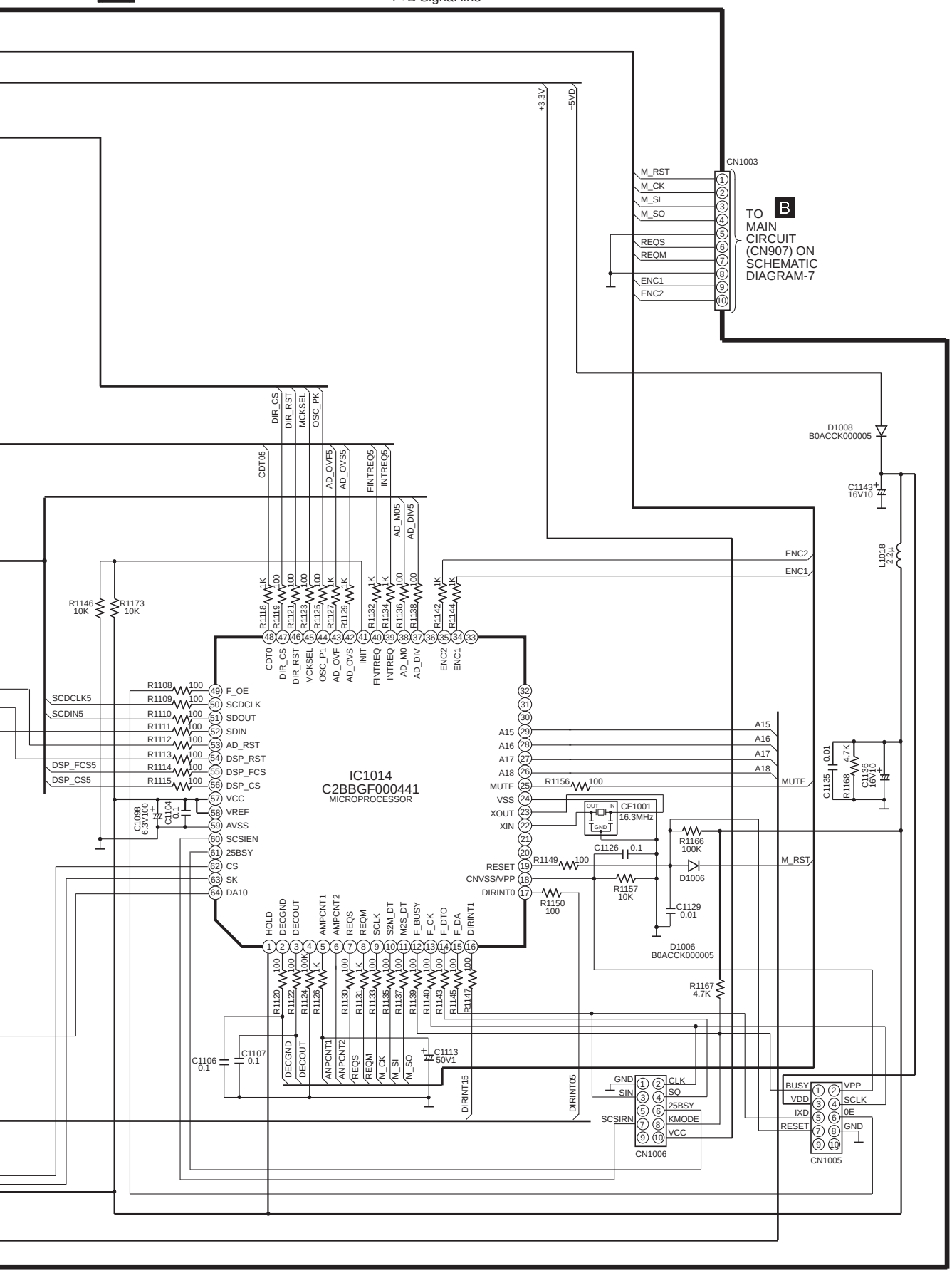
⇒ : Main Signal line



SCHEMATIC DIAGRAM-6

A DSP CIRCUIT

—— : +B Signal line



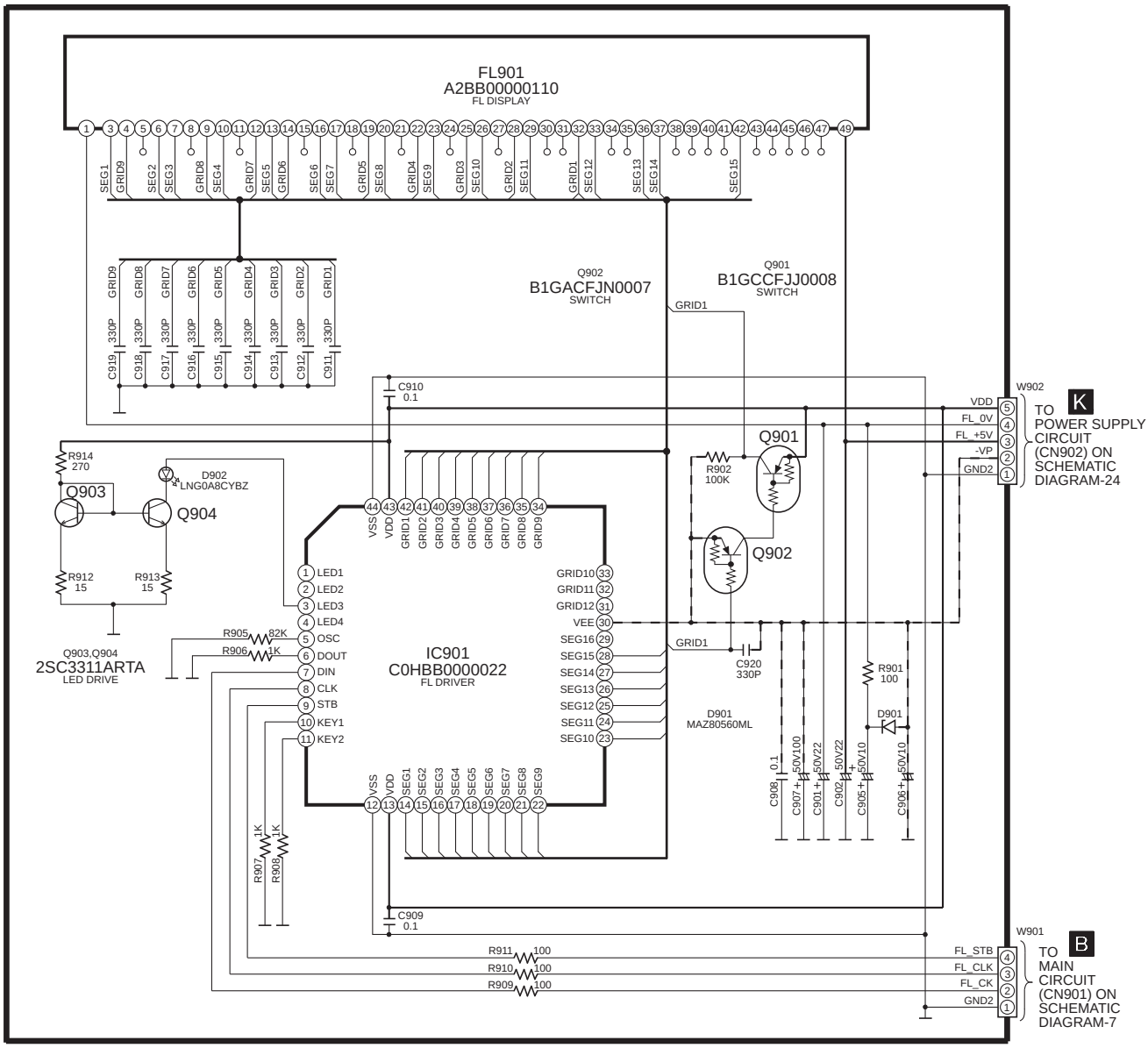
SCHEMATIC DIAGRAM-19

E FL DISPLAY CIRCUIT

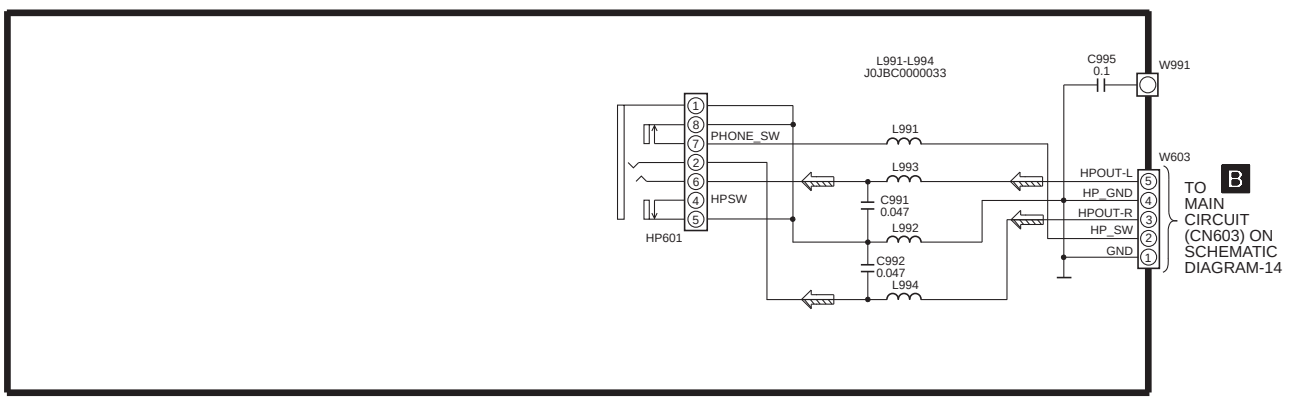
– – : -B Signal line

—— : +B Signal line

⇨ : Main Signal line



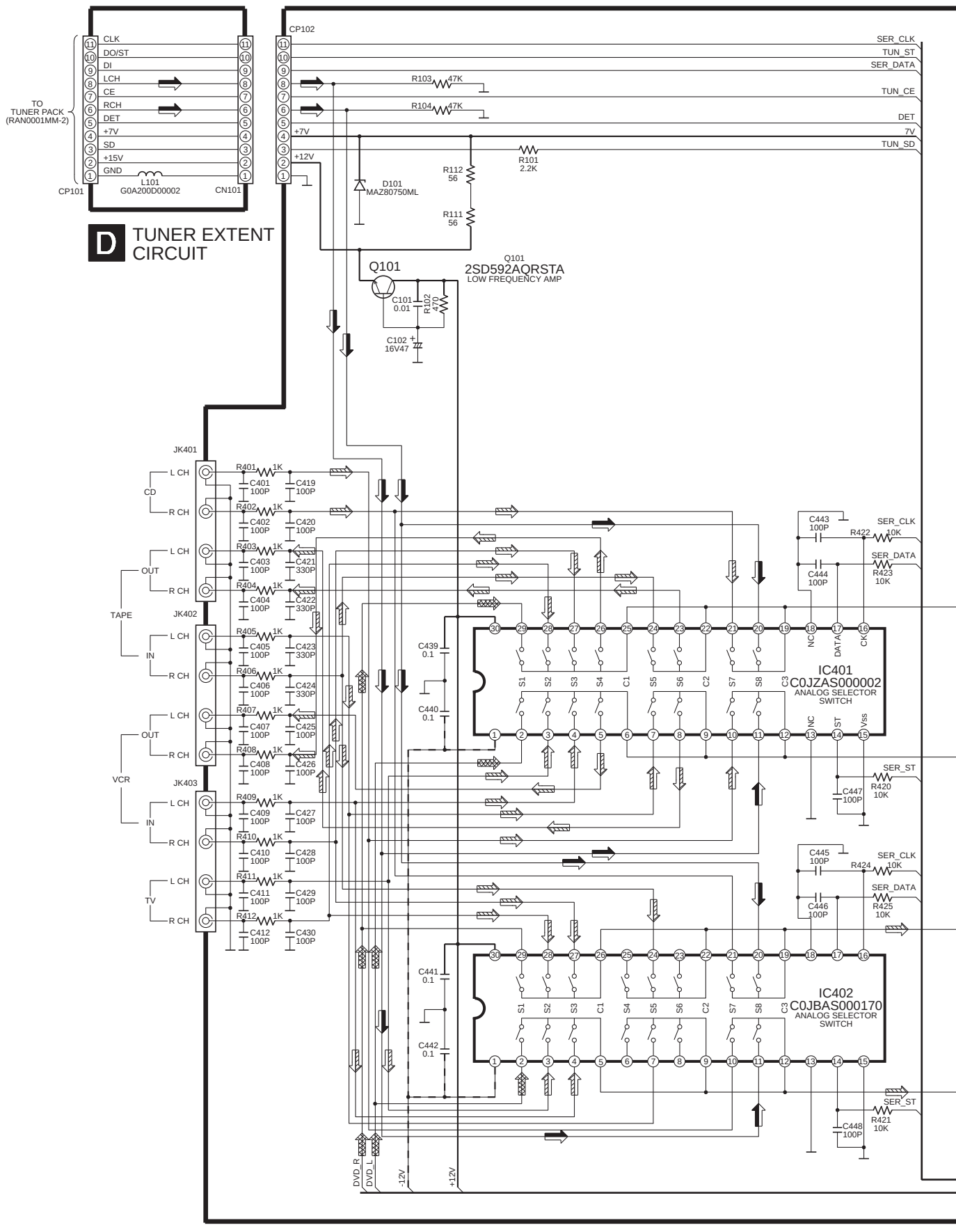
F HEAD PHONE CIRCUIT



SCHEMATIC DIAGRAM-15

C INPUT CIRCUIT

– – : -B Signal line
—— : +B Signal line
: AM/FM Signal line
: Main Signal line
: DVD(AUDIO) Signal line



SCHEMATIC DIAGRAM-16

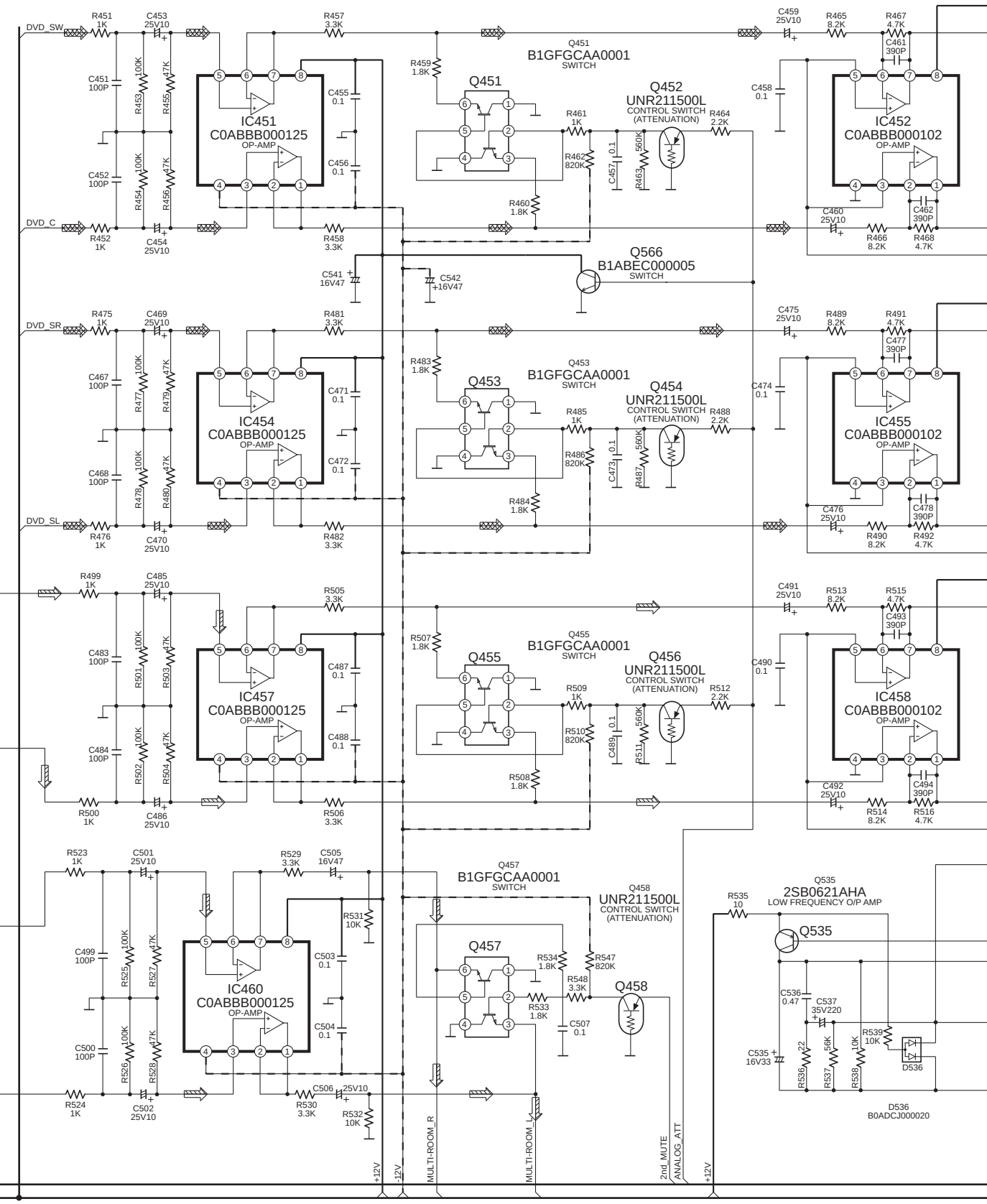
C INPUT CIRCUIT

– – : -B Signal line

—— : +B Signal line

: DVD(AUDIO) Signal line

: Main Signal line



SCHEMATIC DIAGRAM-17

C INPUT CIRCUIT

: +B Signal line

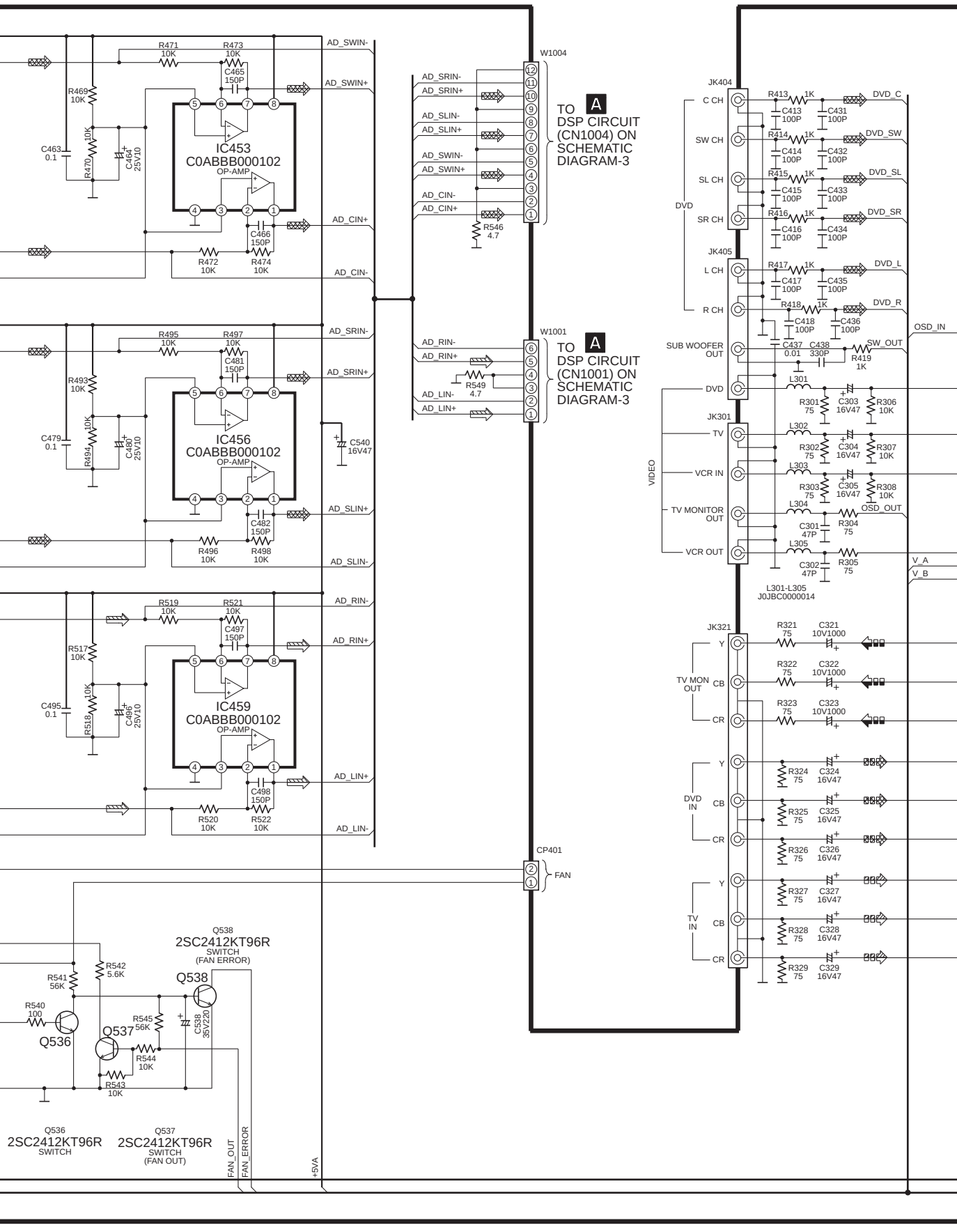
: TV Signal line

: Main Signal line

: DVD(AUDIO) Signal line

: DVD(VIDEO) Signal line

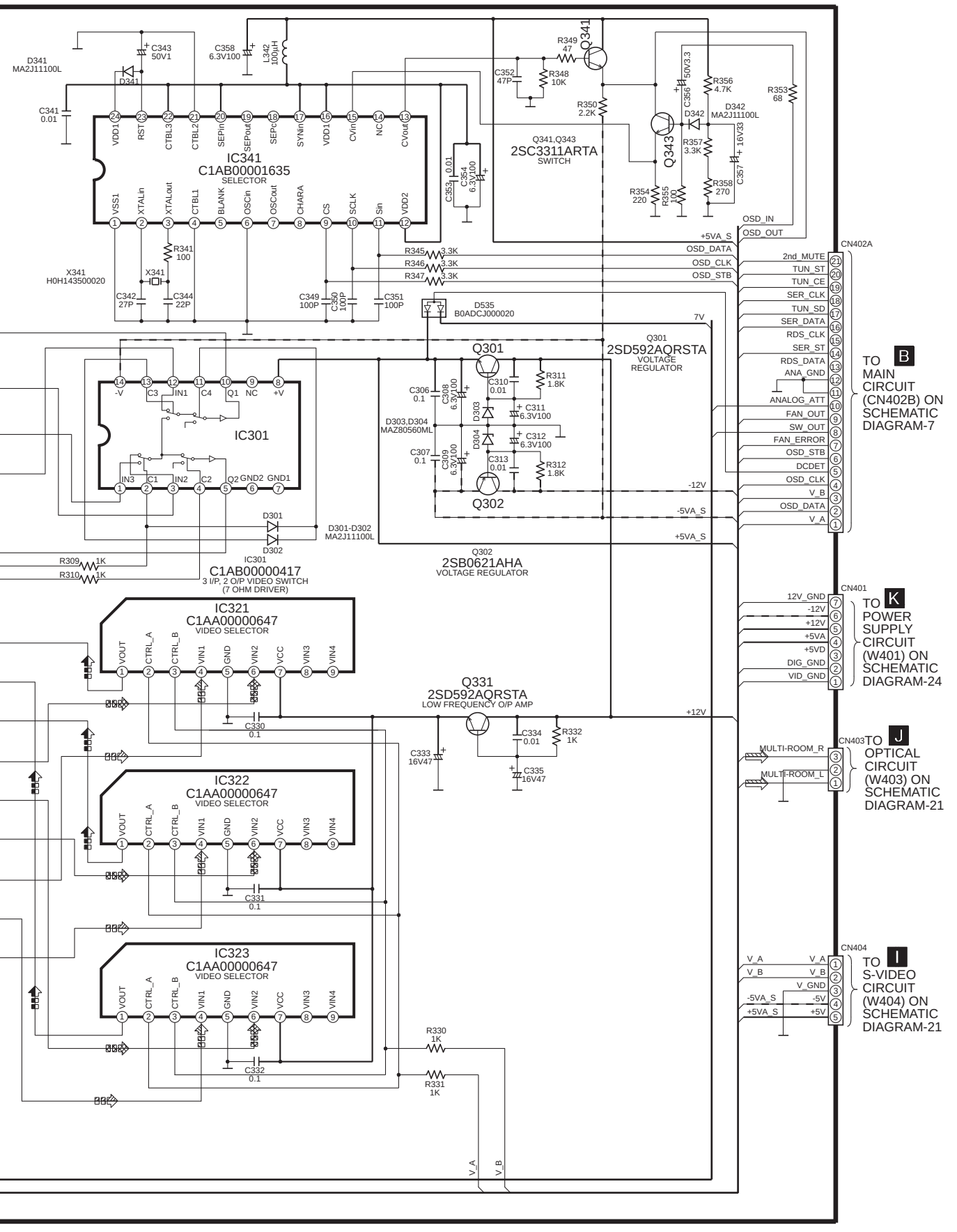
: Video Signal line



SCHEMATIC DIAGRAM-18

C INPUT CIRCUIT

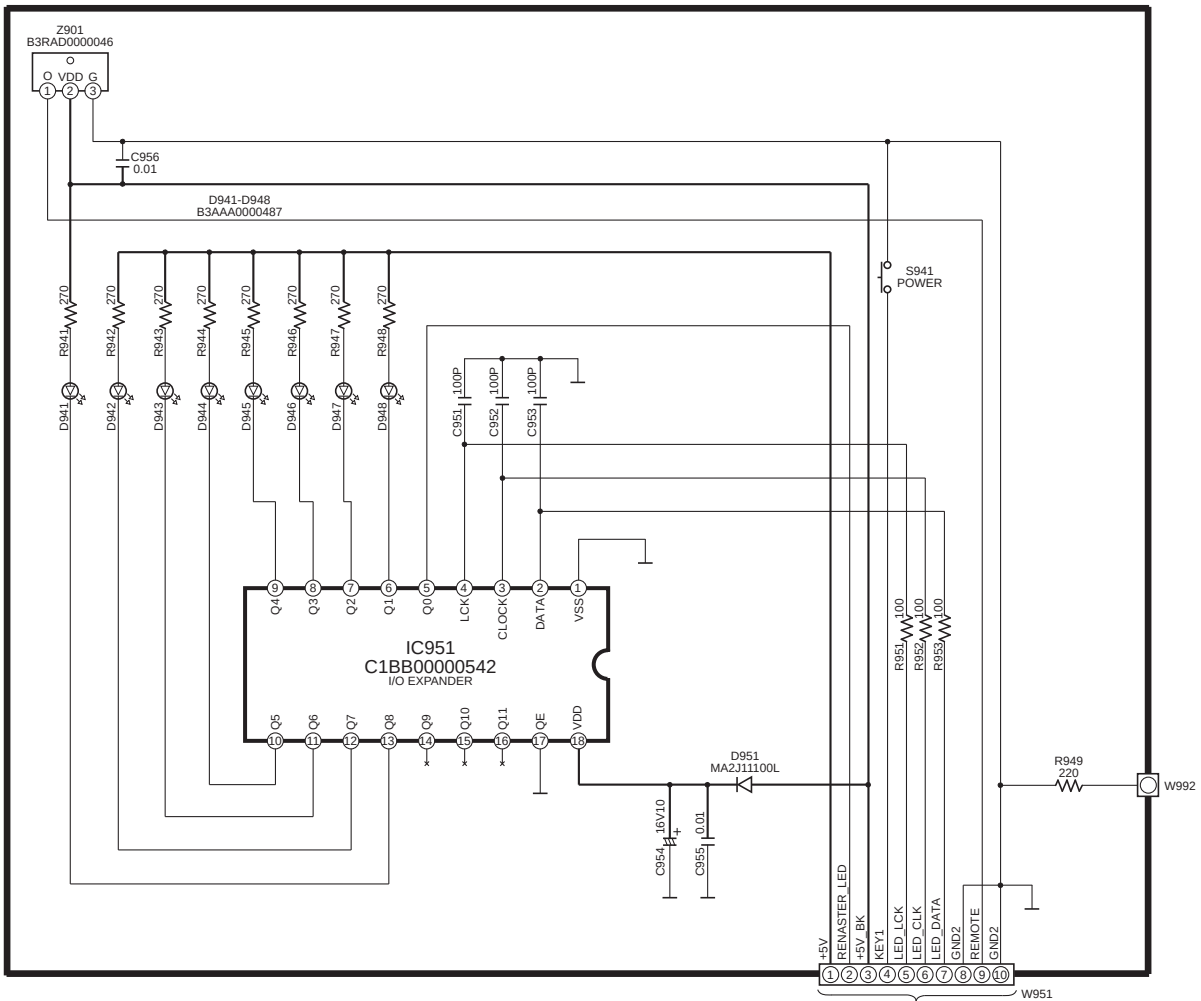
– – : -B Signal line
—— : +B Signal line
: DVD(VIDEO) Signal line
: Main Signal line
: TV Signal line
: Video Signal line



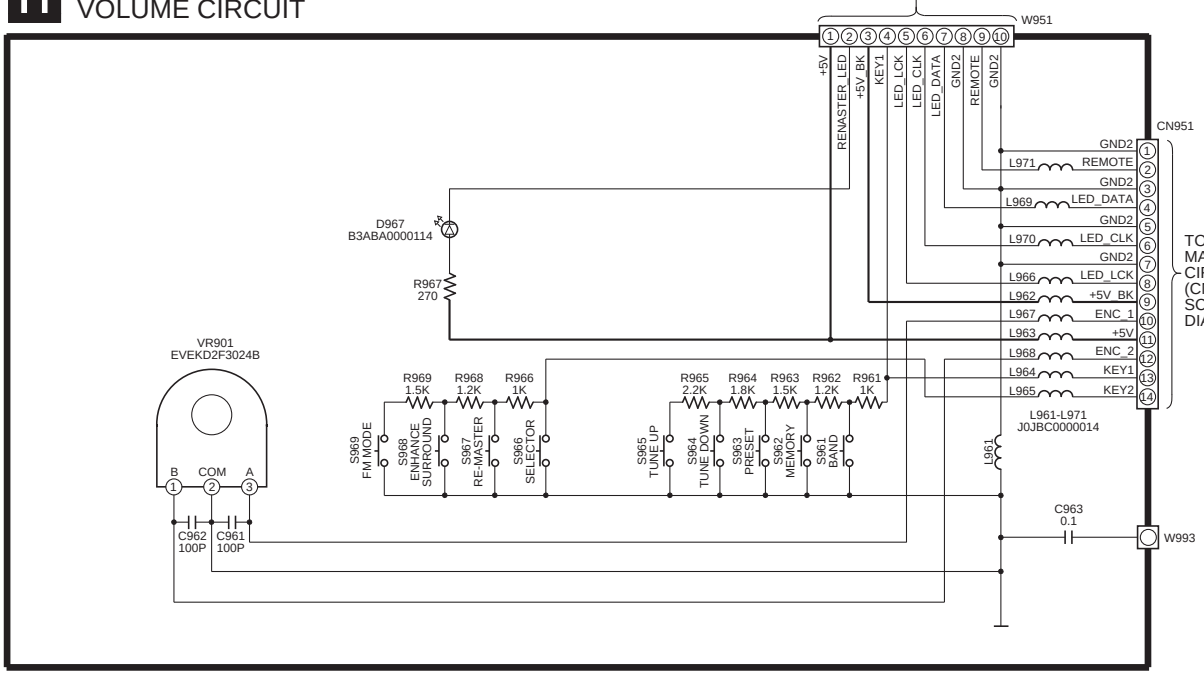
SCHEMATIC DIAGRAM-20

G LED CIRCUIT

—— : +B Signal line



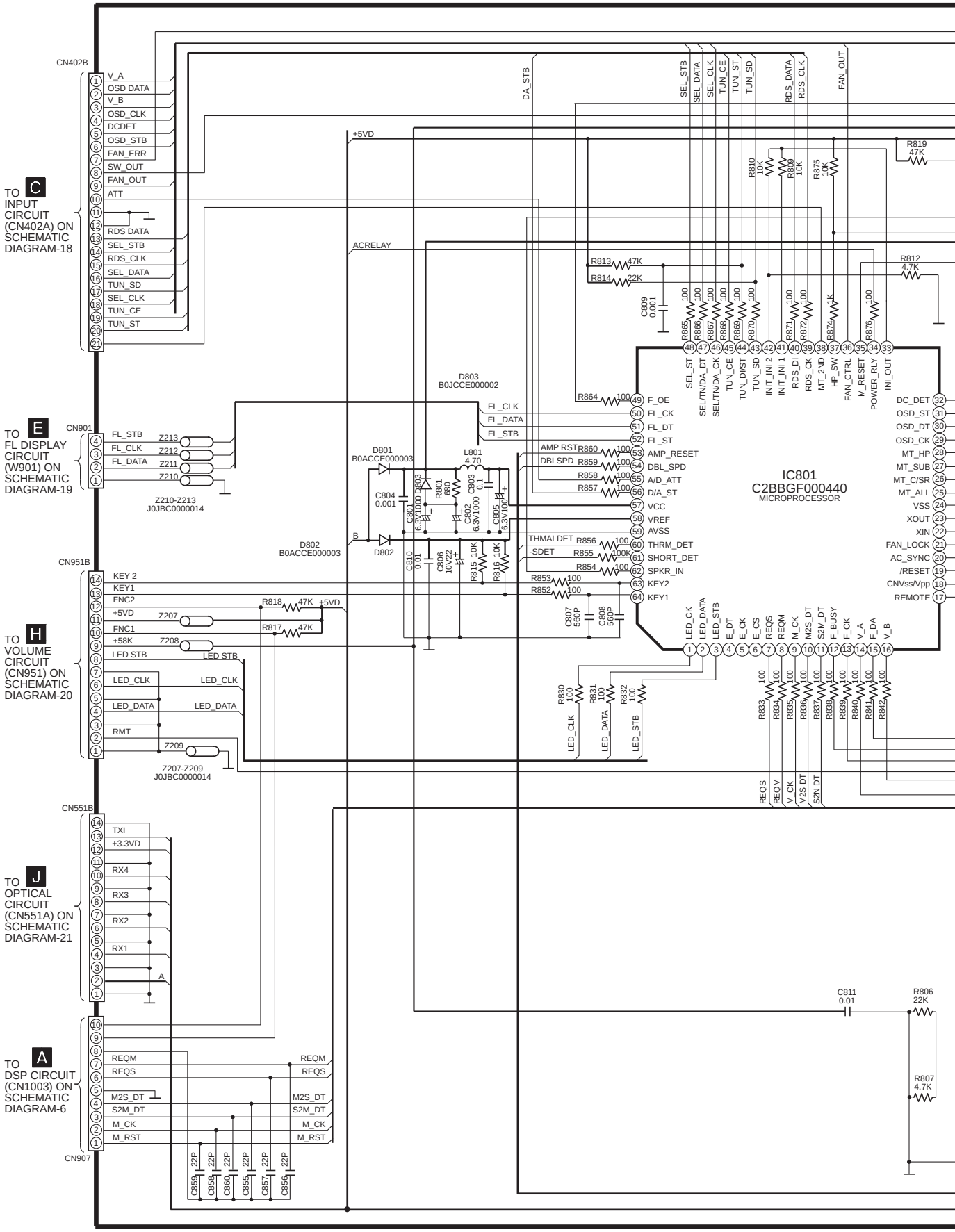
H VOLUME CIRCUIT



SCHEMATIC DIAGRAM-7

B MAIN CIRCUIT

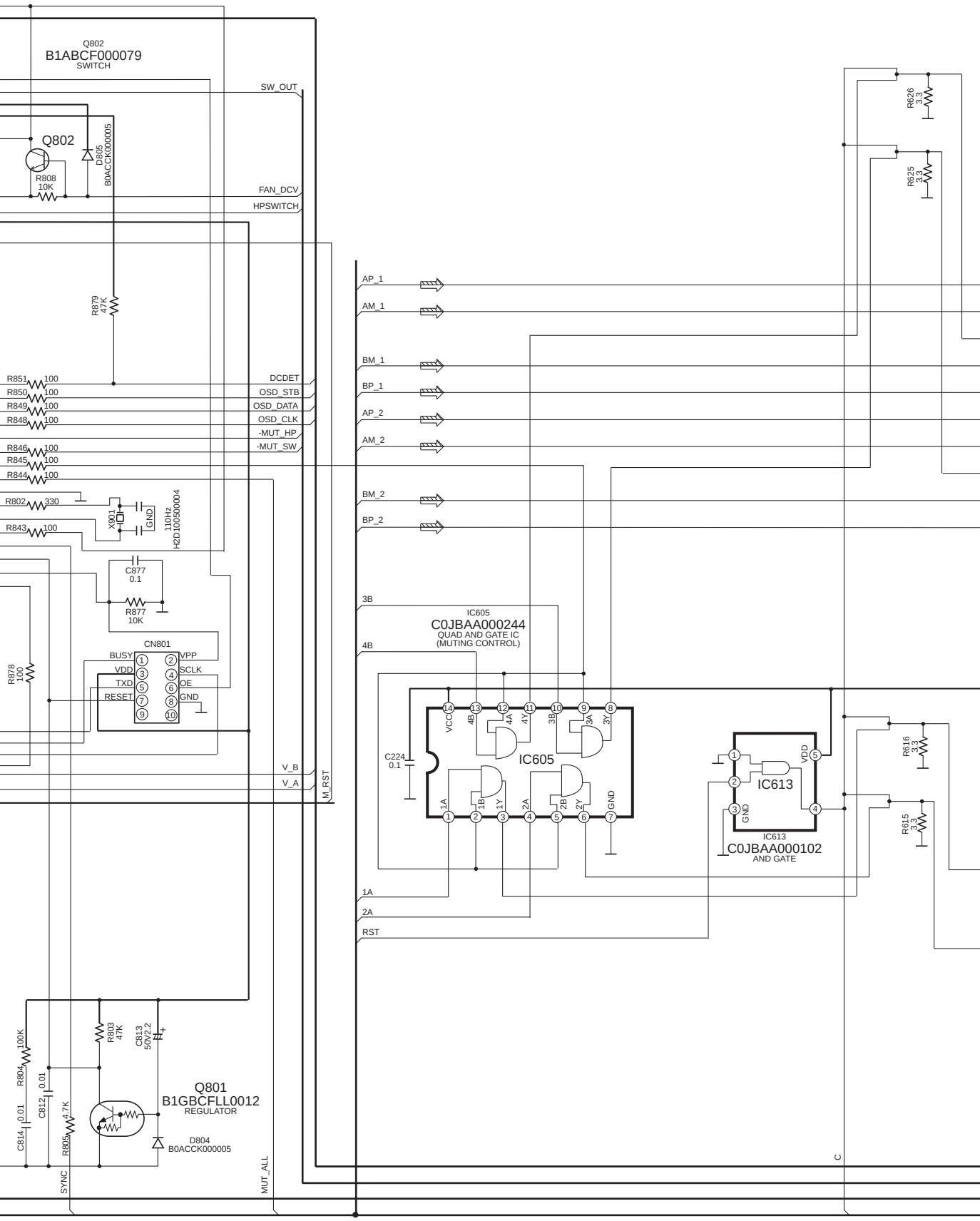
—— : +B Signal line



B MAIN CIRCUIT

—— : +B Signal line

⇨ : Main Signal line

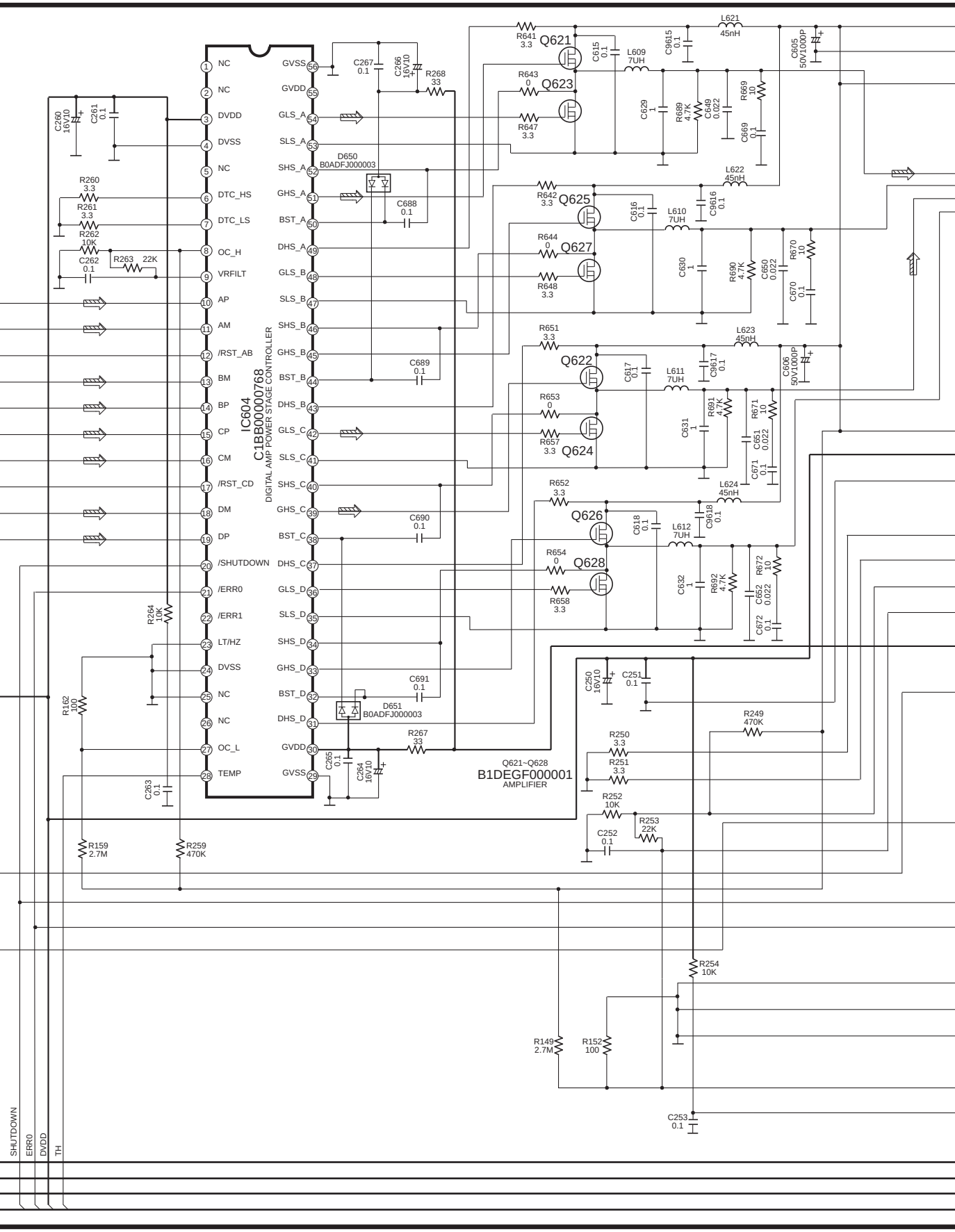


SCHEMATIC DIAGRAM-9

B MAIN CIRCUIT

—— : +B Signal line

⇨ : Main Signal line

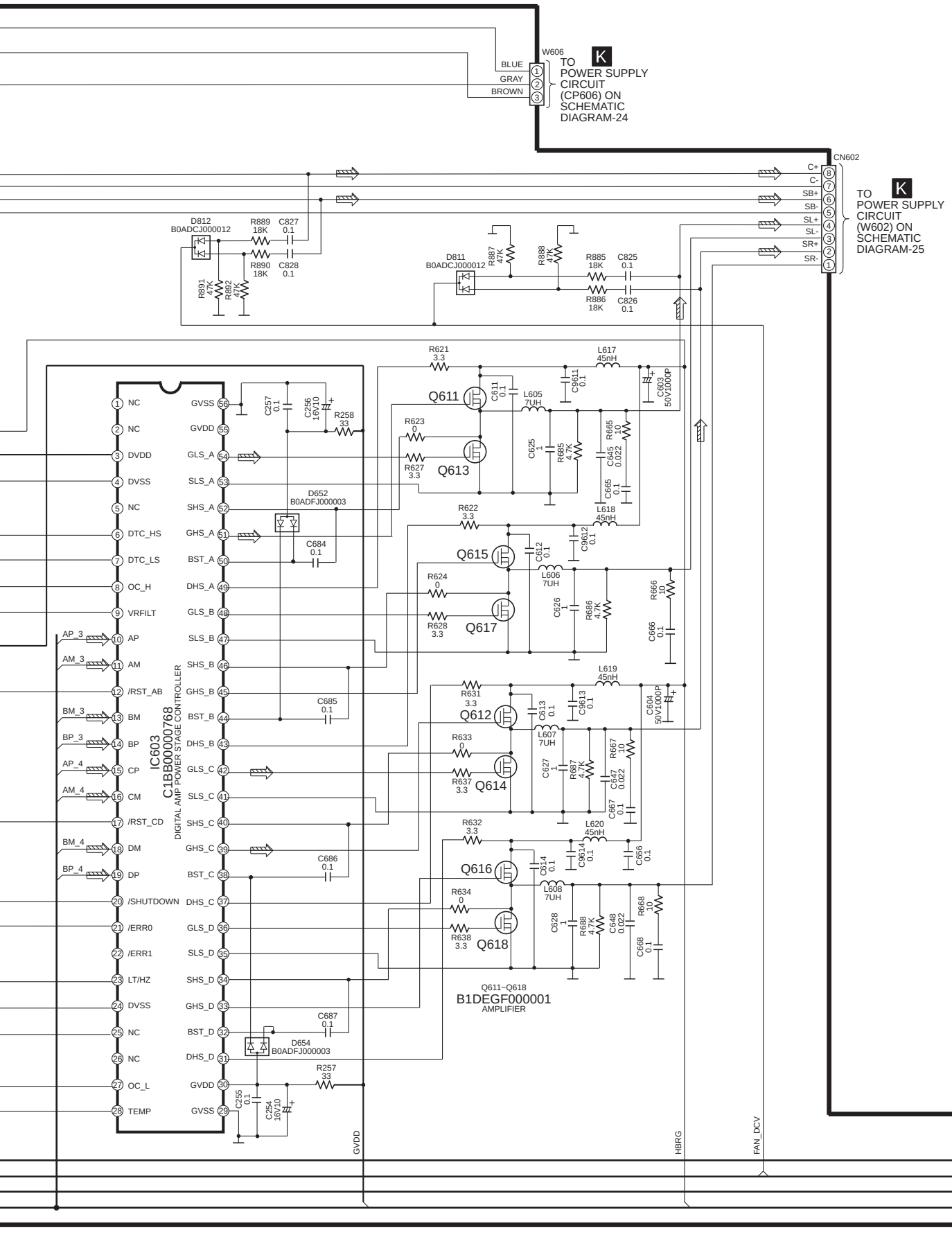


SCHEMATIC DIAGRAM-10

B MAIN CIRCUIT

—— : +B Signal line

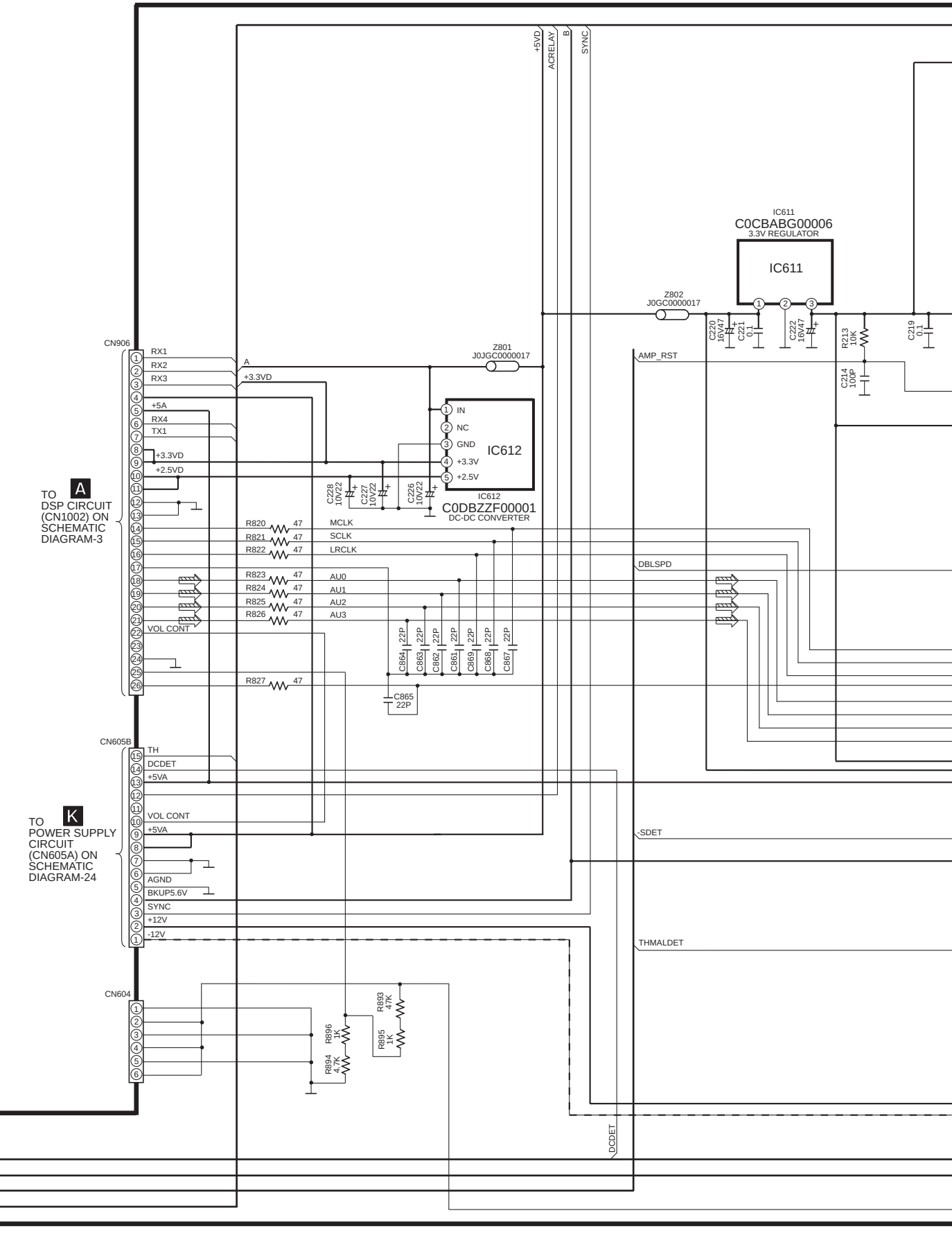
⇨ : Main Signal line



SCHEMATIC DIAGRAM-11

B MAIN CIRCUIT

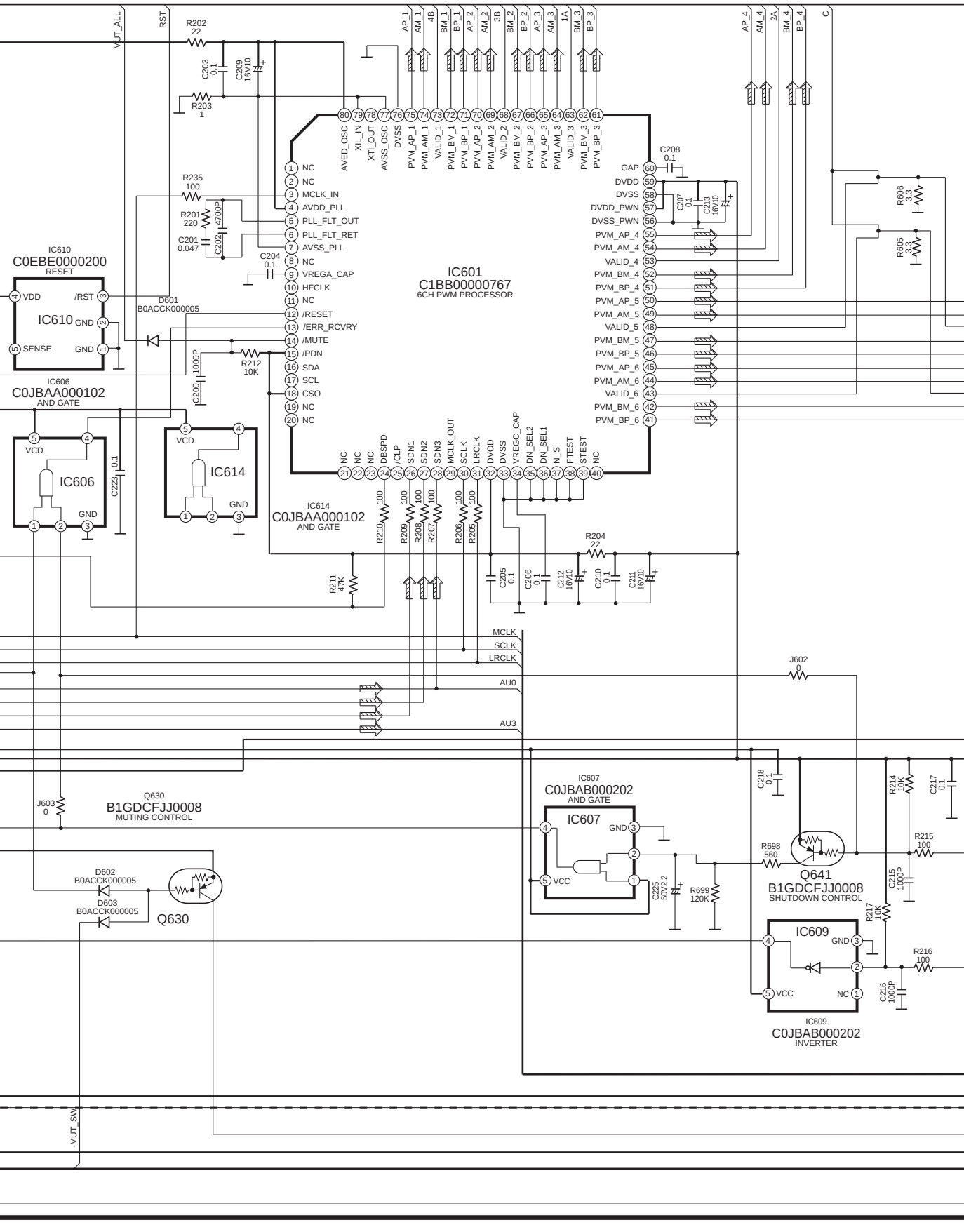
– – : -B Signal line
—— : +B Signal line
⇨ : Main Signal line



SCHEMATIC DIAGRAM-12

B MAIN CIRCUIT

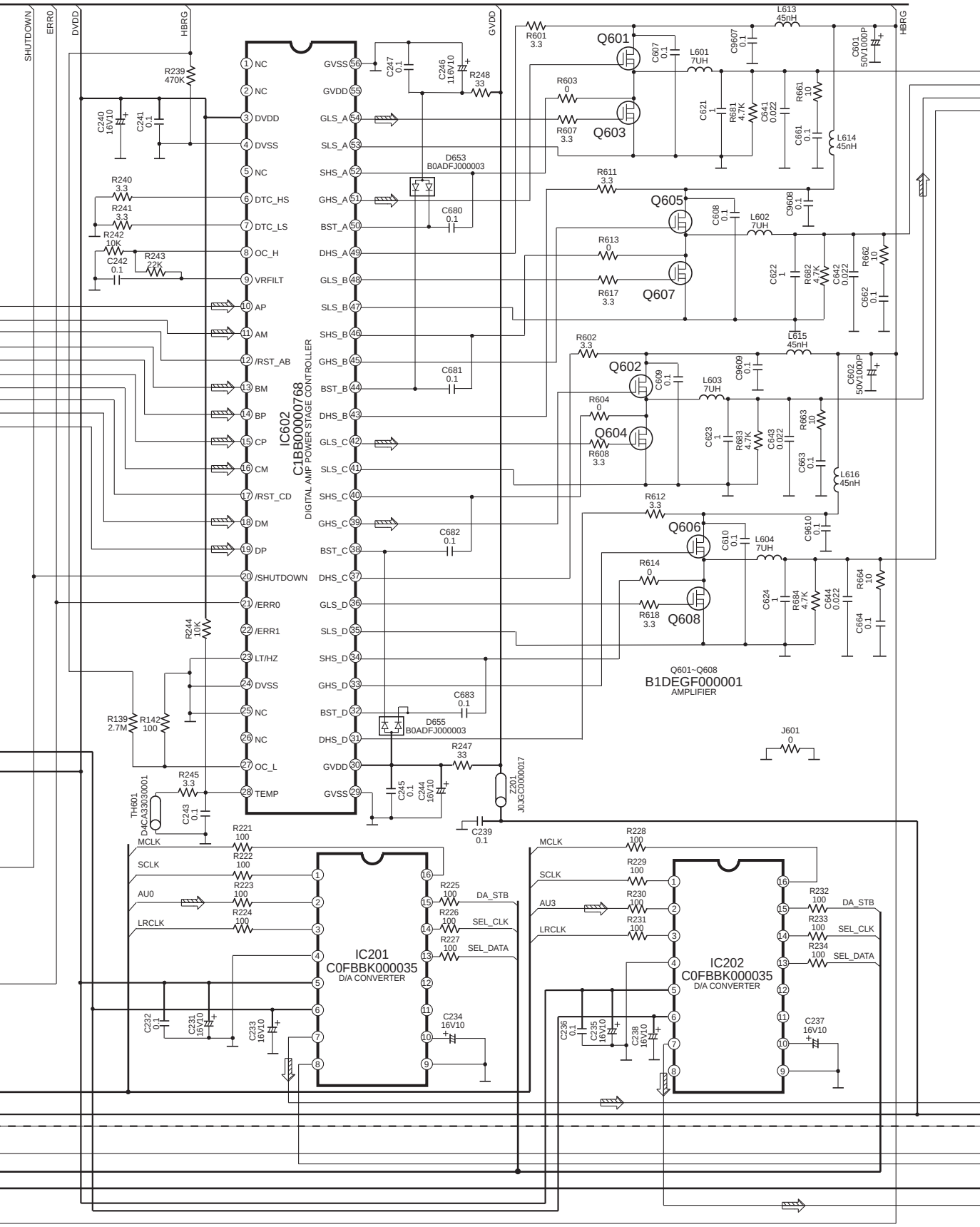
– – : -B Signal line
—— : +B Signal line
⇒ : Main Signal line



SCHEMATIC DIAGRAM-13

B MAIN CIRCUIT

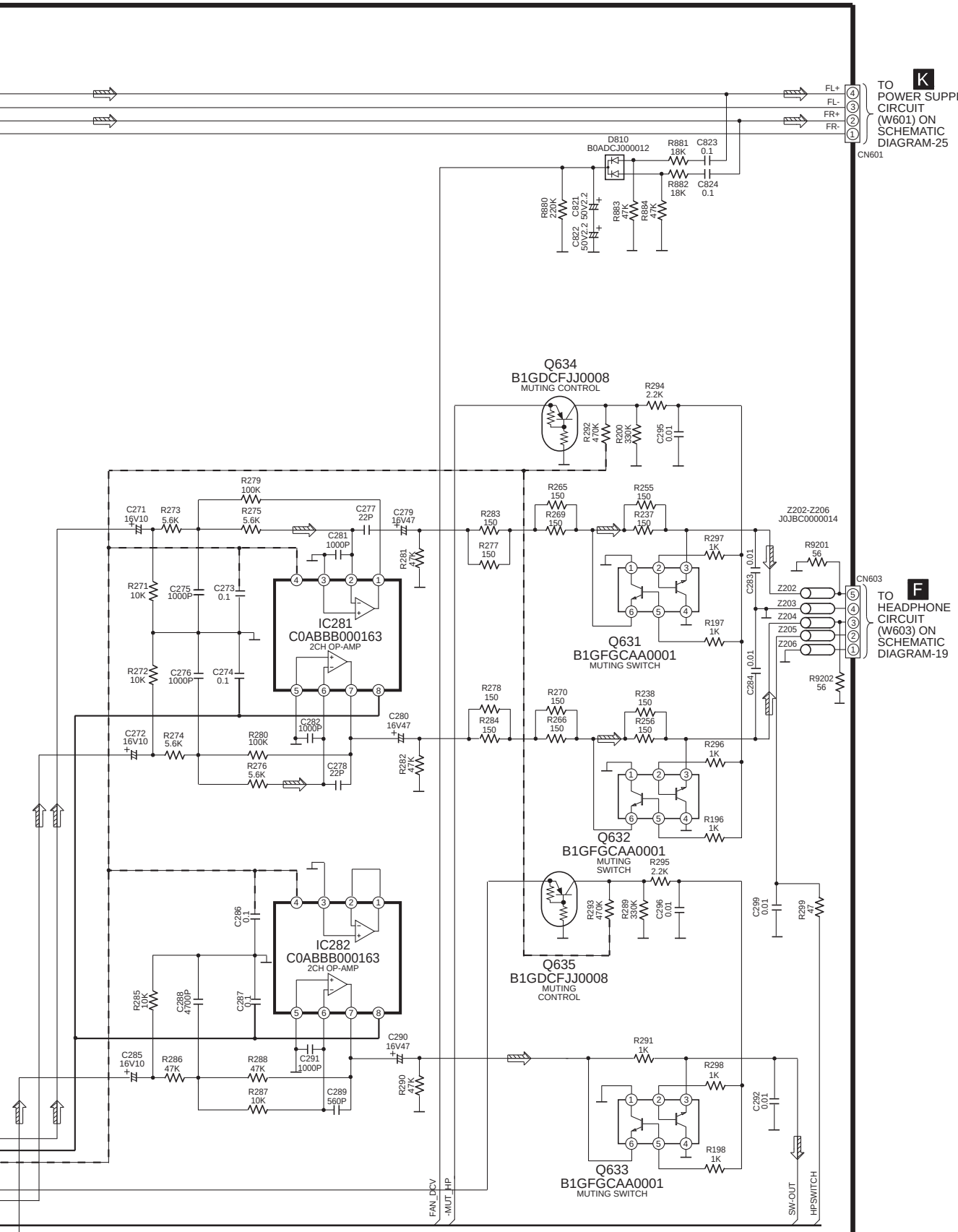
– – : -B Signal line
—— : +B Signal line
⇨ : Main Signal line



SCHEMATIC DIAGRAM-14

B MAIN CIRCUIT

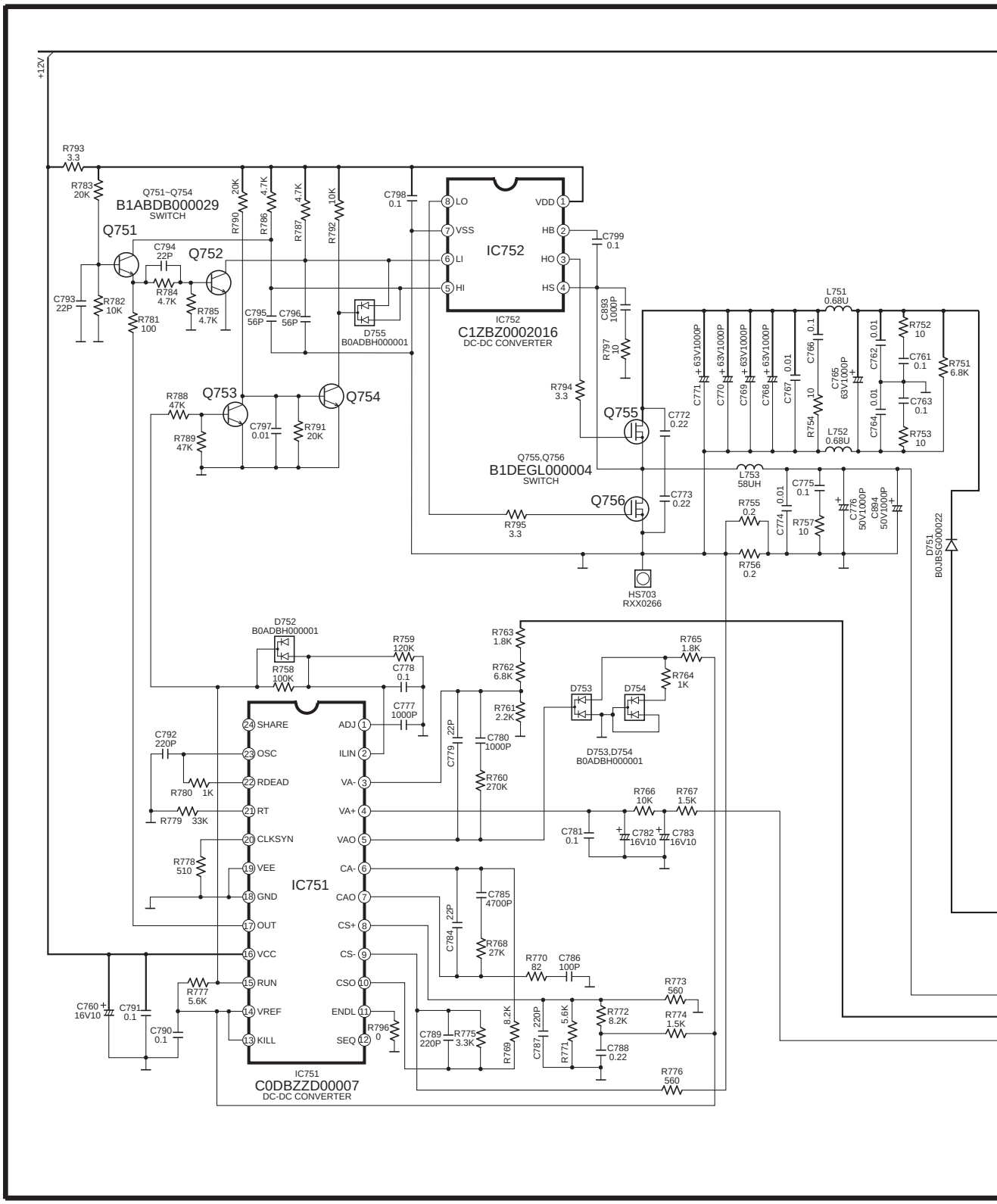
– – : -B Signal line
—— : +B Signal line
⇨ : Main Signal line



SCHEMATIC DIAGRAM-22

K POWER SUPPLY CIRCUIT

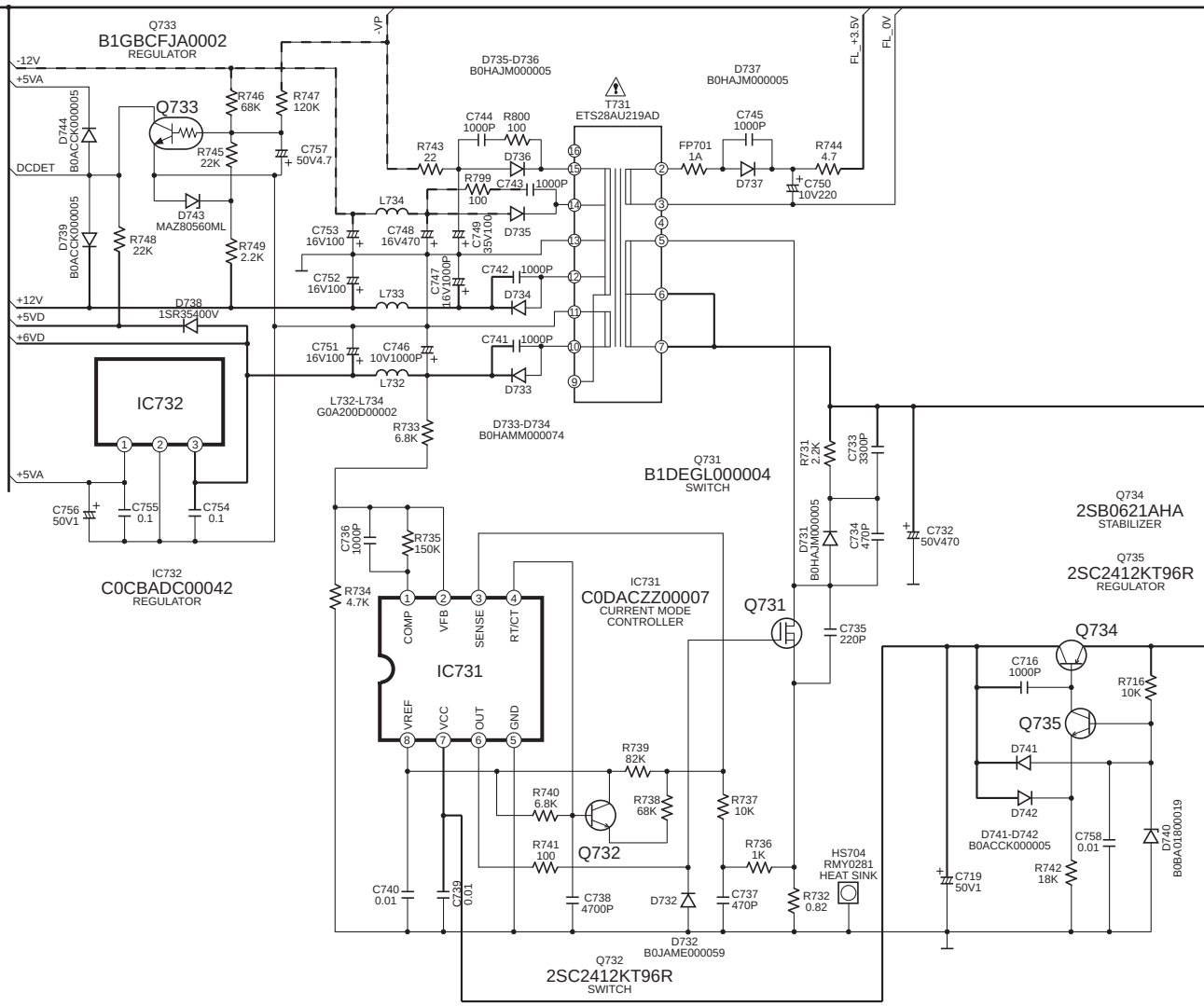
—— : +B Signal line



K POWER SUPPLY CIRCUIT

– – : -B Signal line

—— : +B Signal line

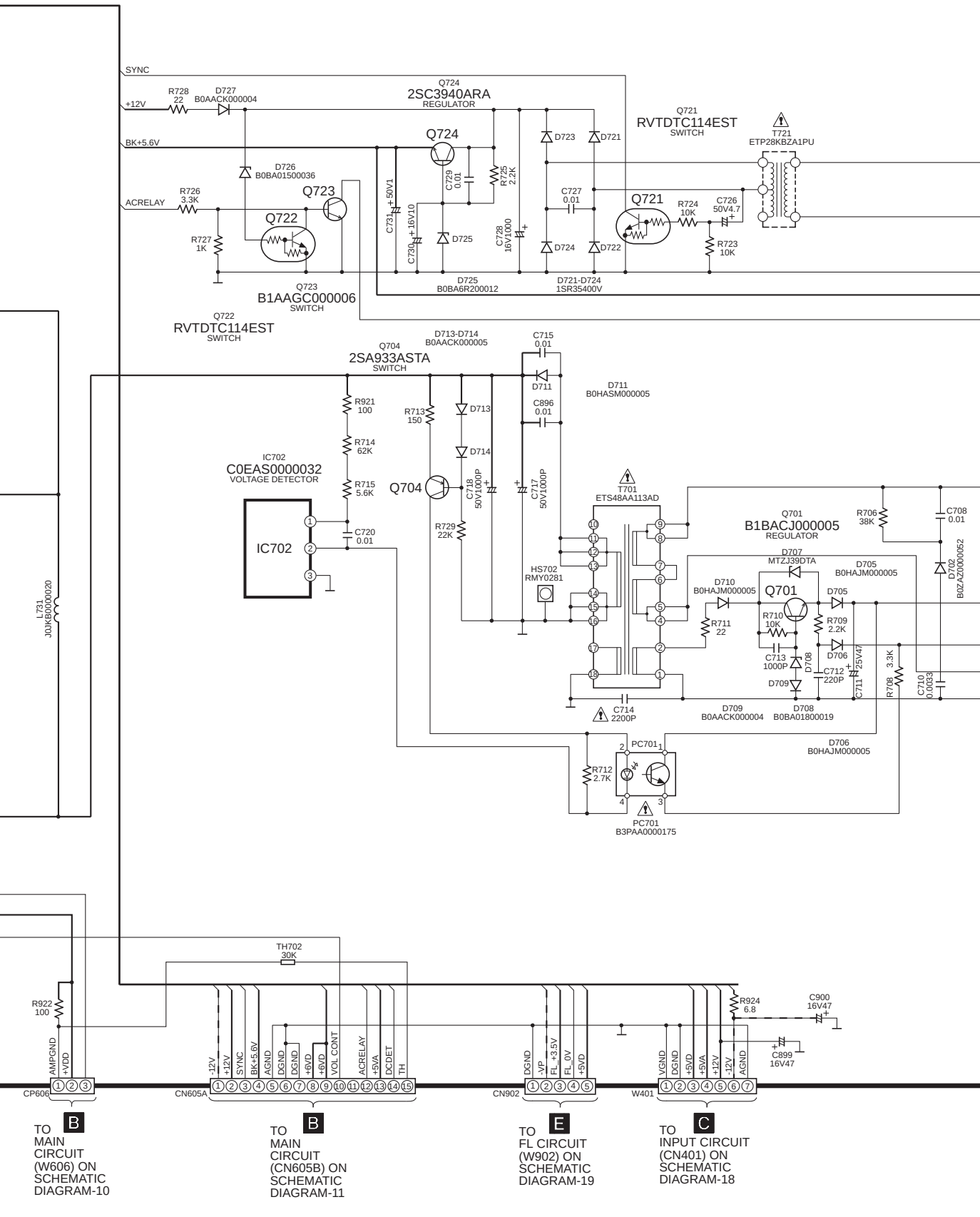


SCHEMATIC DIAGRAM-24

K POWER SUPPLY CIRCUIT

– – : -B Signal line

—— : +B Signal line



B TO MAIN CIRCUIT (W606) ON SCHEMATIC DIAGRAM-10

B TO MAIN CIRCUIT (CN605B) ON SCHEMATIC DIAGRAM-11

E TO FL CIRCUIT (W902) ON SCHEMATIC DIAGRAM-19

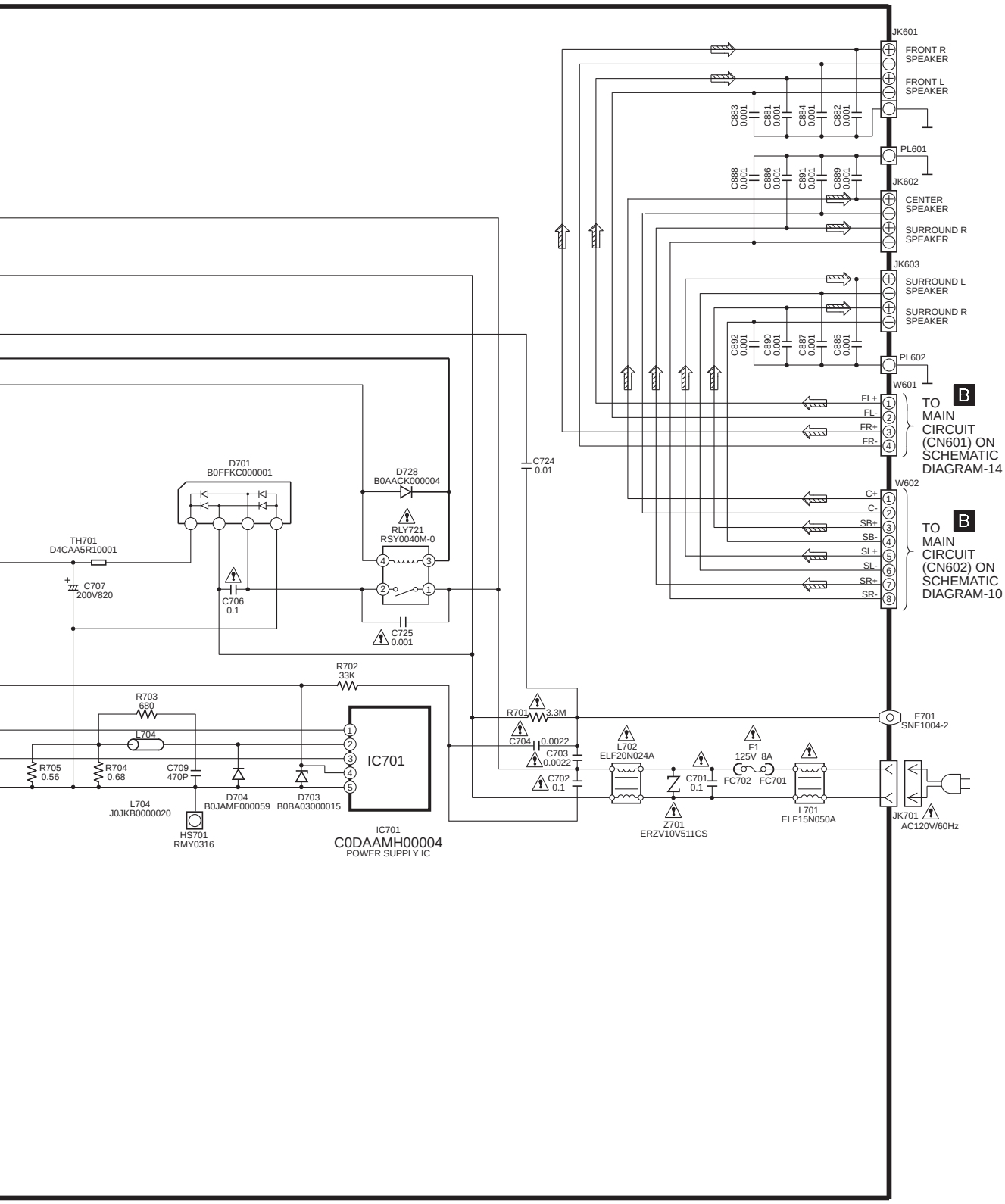
C TO INPUT CIRCUIT (CN401) ON SCHEMATIC DIAGRAM-18

SCHEMATIC DIAGRAM-25

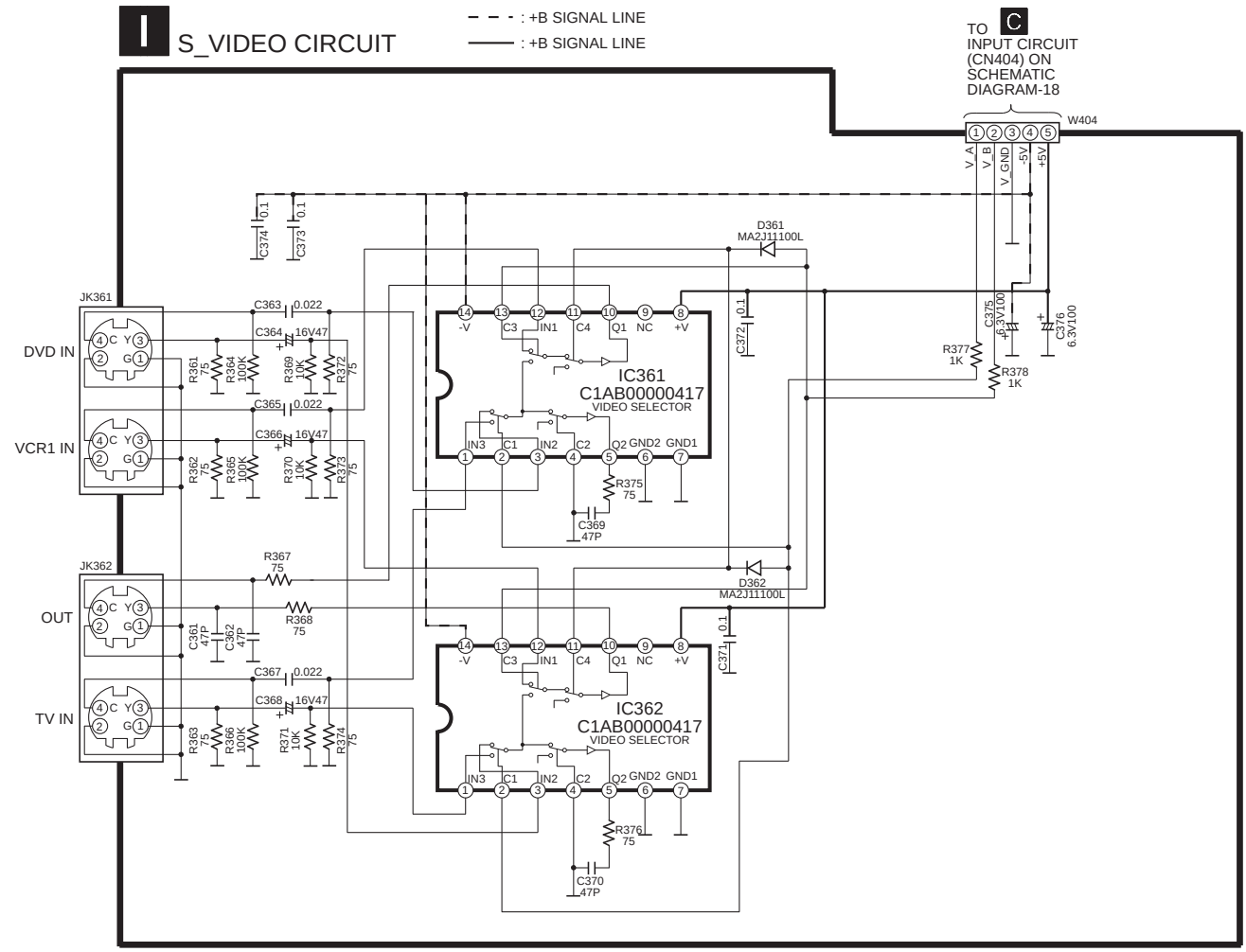
K POWER SUPPLY CIRCUIT

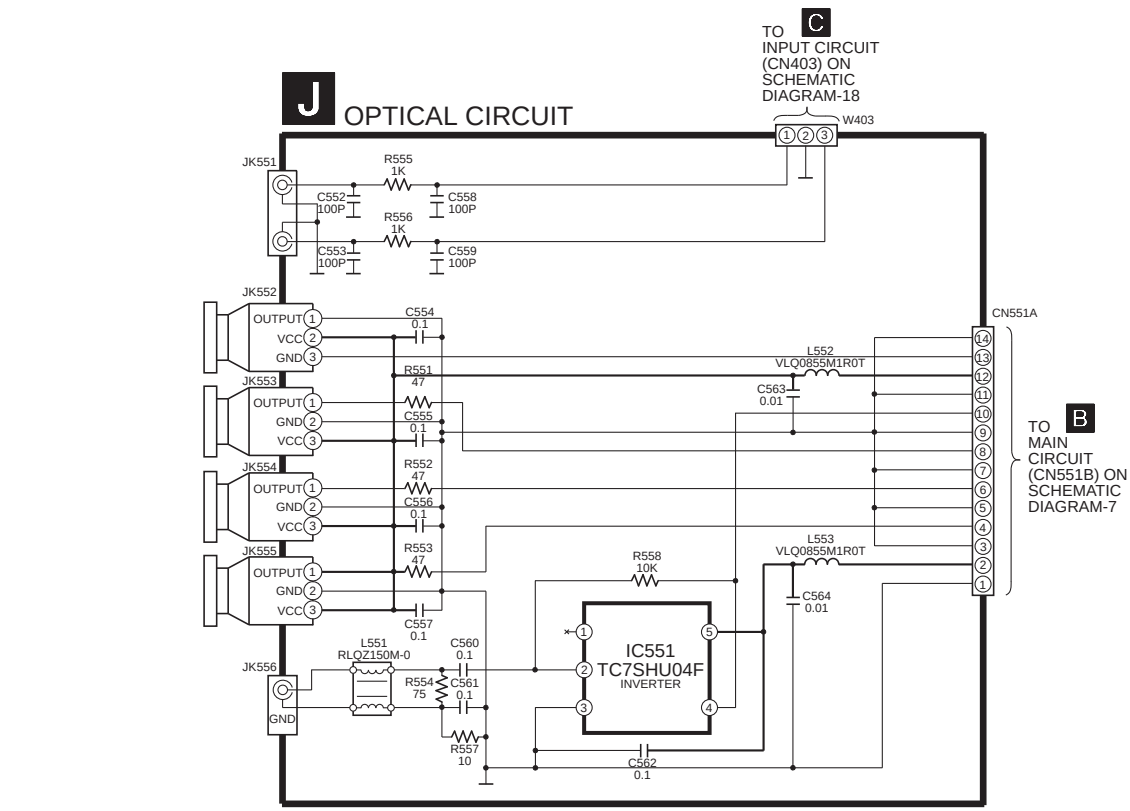
: Main Signal line

: +B Signal line



SCHEMATIC DIAGRAM-21





Main unit

[DD DIGITAL EX, DD DIGITAL, DD PL II, DTS 96/24, DTS-ES, DTS, NEO:6]

Light to indicate the source's input signal and decoding format used.

DD DIGITAL EX: Dolby Digital Surround EX sources

DD DIGITAL: Dolby Digital sources

DD PL II: Dolby Pro Logic II decoder is being used

DTS 96/24: DTS 96/24 sources

DTS-ES: DTS-ES discrete or matrix sources

DTS: DTS sources

NEO:6: NEO:6 matrix decoder is being used

[POWER ⏻/I]

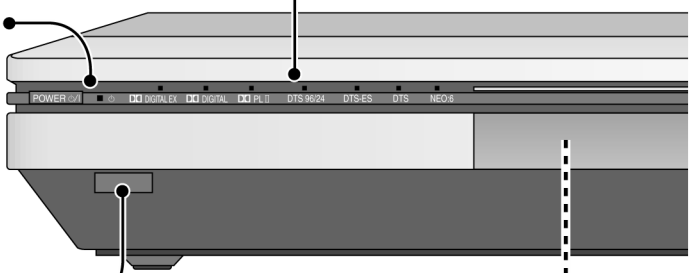
Press to switch the unit from on to standby mode or vice versa.

In standby mode, the unit is still consuming a small amount of power.

Standby indicator [⏻]

When the unit is connected to the AC mains supply, this indicator lights up in standby mode and goes out when the unit is turned on.

Remote control signal sensor



Display

[SLEEP]

Sleep timer indicator.

[M, TUNED, ST, MONO]

Radio indicators

M: Flashes or lights during presetting.

TUNED: A station is tuned.

ST: A stereo FM broadcast is tuned.

MONO: You have switched to monaural mode with [FM MODE] to improve reception.

General display

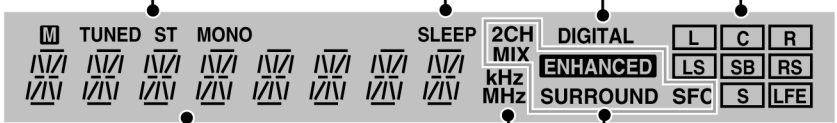
Shows the input mode, radio frequency, and other general information.

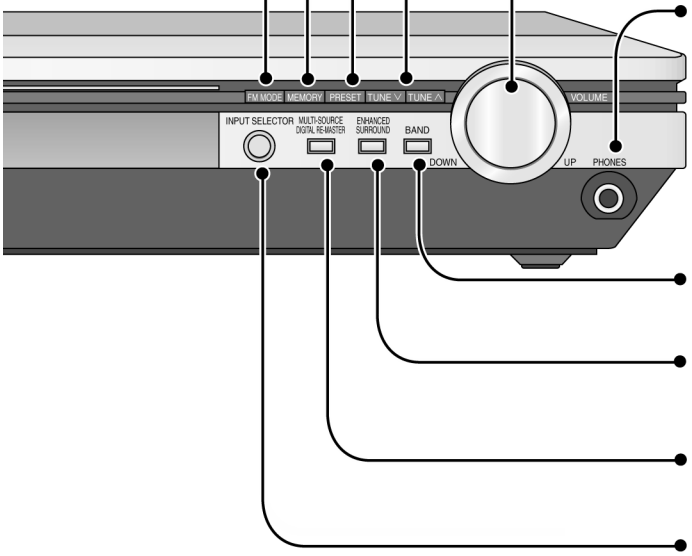
[kHz, MHz]

Frequency unit indicators

kHz: AM, or PCM sampling frequency

MHz: FM





[FM MODE]
If reception is poor in FM, press so "MONO" appears to switch to monaural mode.

[MEMORY]
For presetting radio stations.

[PRESET]
Press to allow preset station selection with [TUNE, ∨, ∧].

[TUNE, ∨, ∧]
For tuning the radio and selecting preset stations.
Press and hold until the frequency starts scrolling to start automatic tuning. Tuning stops when a station is found.

[VOLUME]
Volume control.

[PHONES]
Headphone jack
Plug type: 6.3 mm (1/4") stereo
- Avoid listening for prolonged periods of time to prevent hearing damage.
- The STEREO/2CH MIX mode is engaged when you connect headphones and you cannot select any of the other sound modes.

[BAND]
For switching between FM and AM.

[ENHANCED SURROUND]
For turning on the enhanced surround mode.

[MULTI-SOURCE DIGITAL RE-MASTER]
For selecting a re-master mode. The button lights while a re-master mode is on.

[INPUT SELECTOR]
For selecting input.

[DIGITAL]
Lights when digital input is selected.

[L, C, R, LS, SB, RS, S, LFE]
Program format indicators
Show the channels contained in the digital input signal. They do not light when input is analog.
L: Front left channel
C: Center channel
R: Front right channel
LS: Surround left channel
SB: Surround back channel
RS: Surround right channel
S: If the surround channel is monaural.
LFE (Low Frequency Effects): Deep-bass effect.

[2CH MIX, ENHANCED, SURROUND, SFC]
2CH MIX: Appears when you are playing a multi-channel source in 2CH MIX mode
ENHANCED: Appears when enhanced surround mode is on
SURROUND: Appears when you are using Dolby Pro Logic Ⅱ, NEO:6 or enhanced surround mode
SFC: Appears when you are using an SFC mode

For your reference
- **When playing video sources connected to DVR/VCR (SA-XR45)**
  The picture remains on the screen even if you select TAPE, CD or TUNER.

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US Pat. No. 5,451,942, 5,956,674, 5,974,380, 5,978,762 and other world-wide patents issued and pending.
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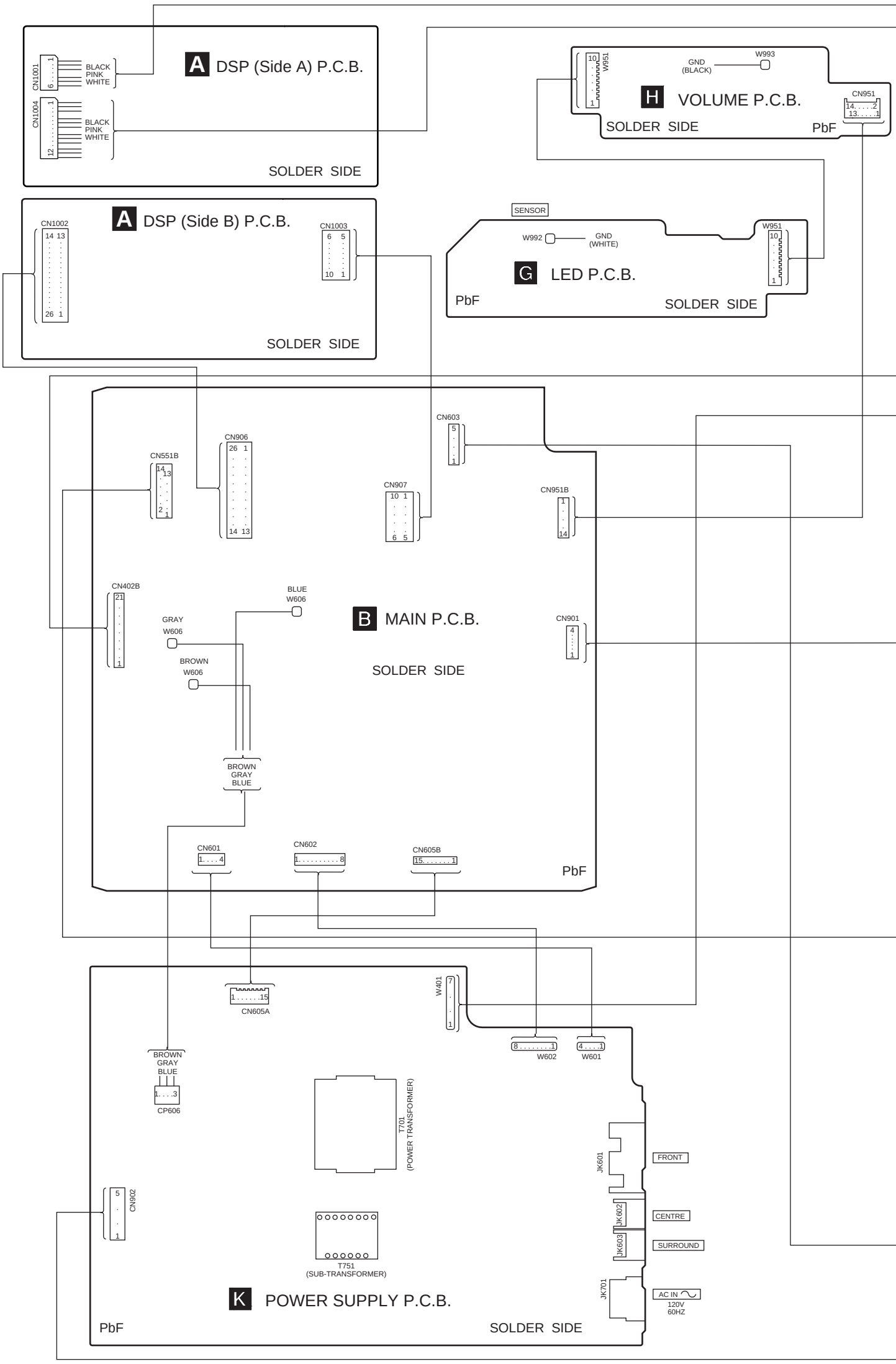
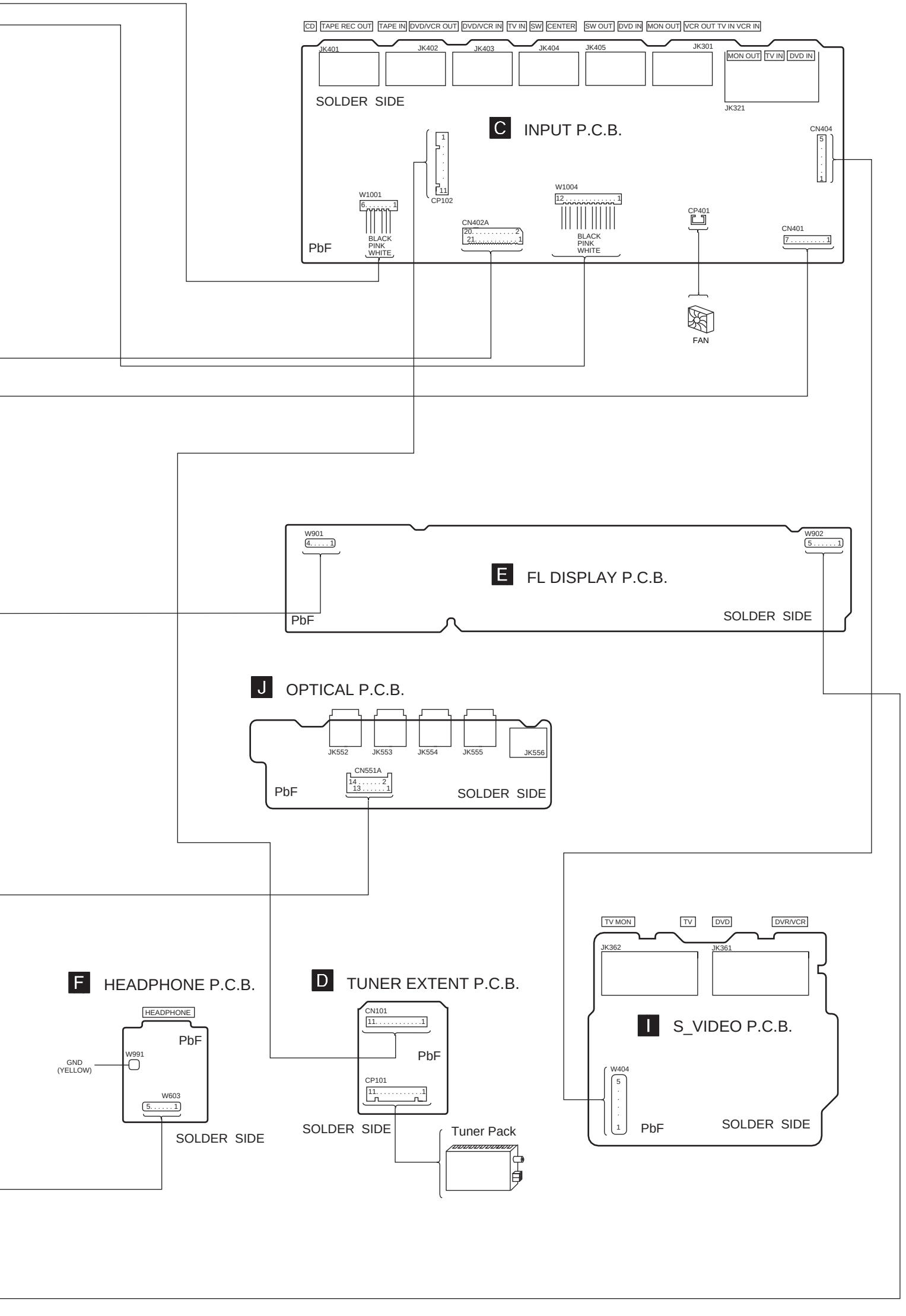
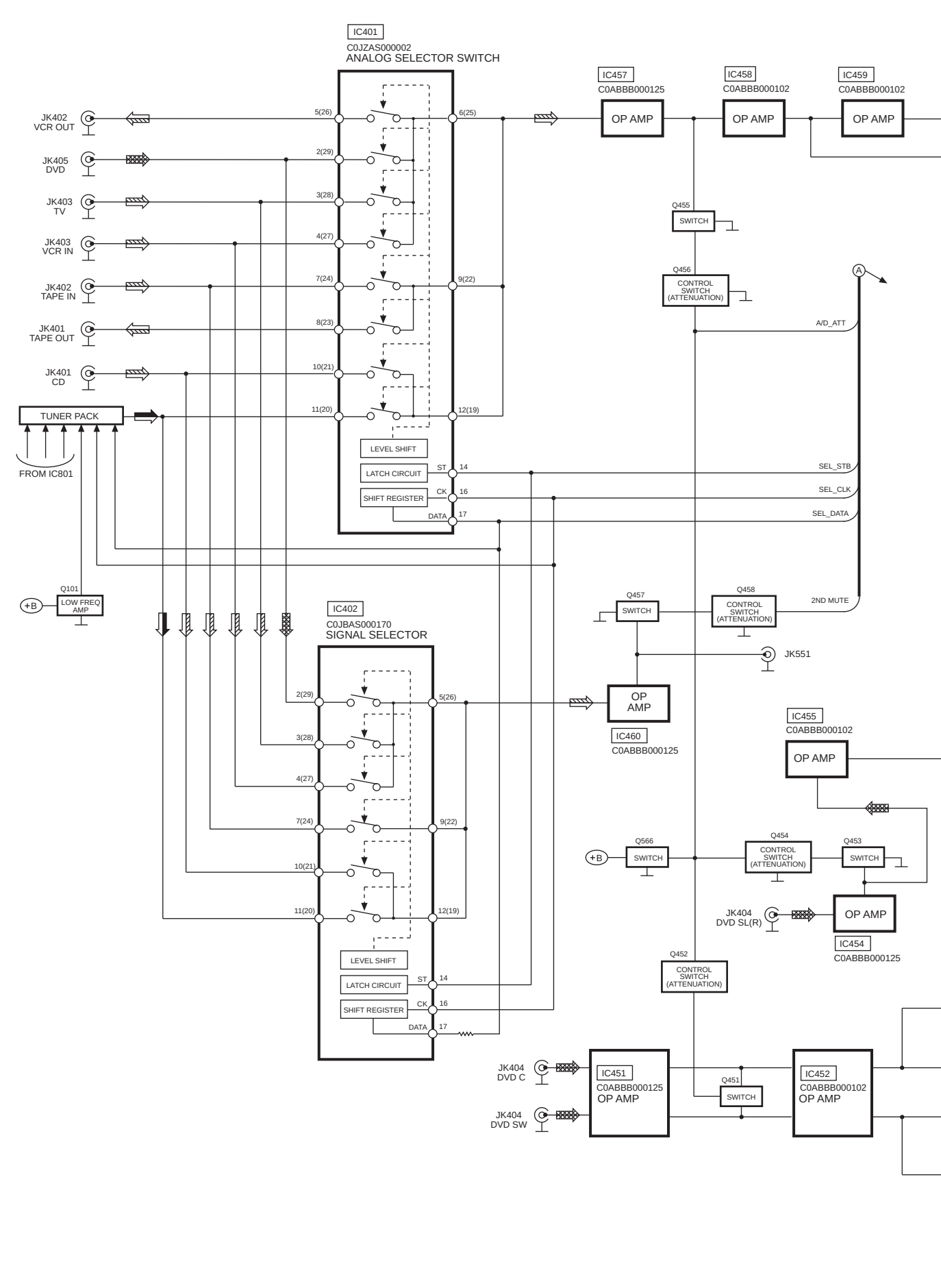
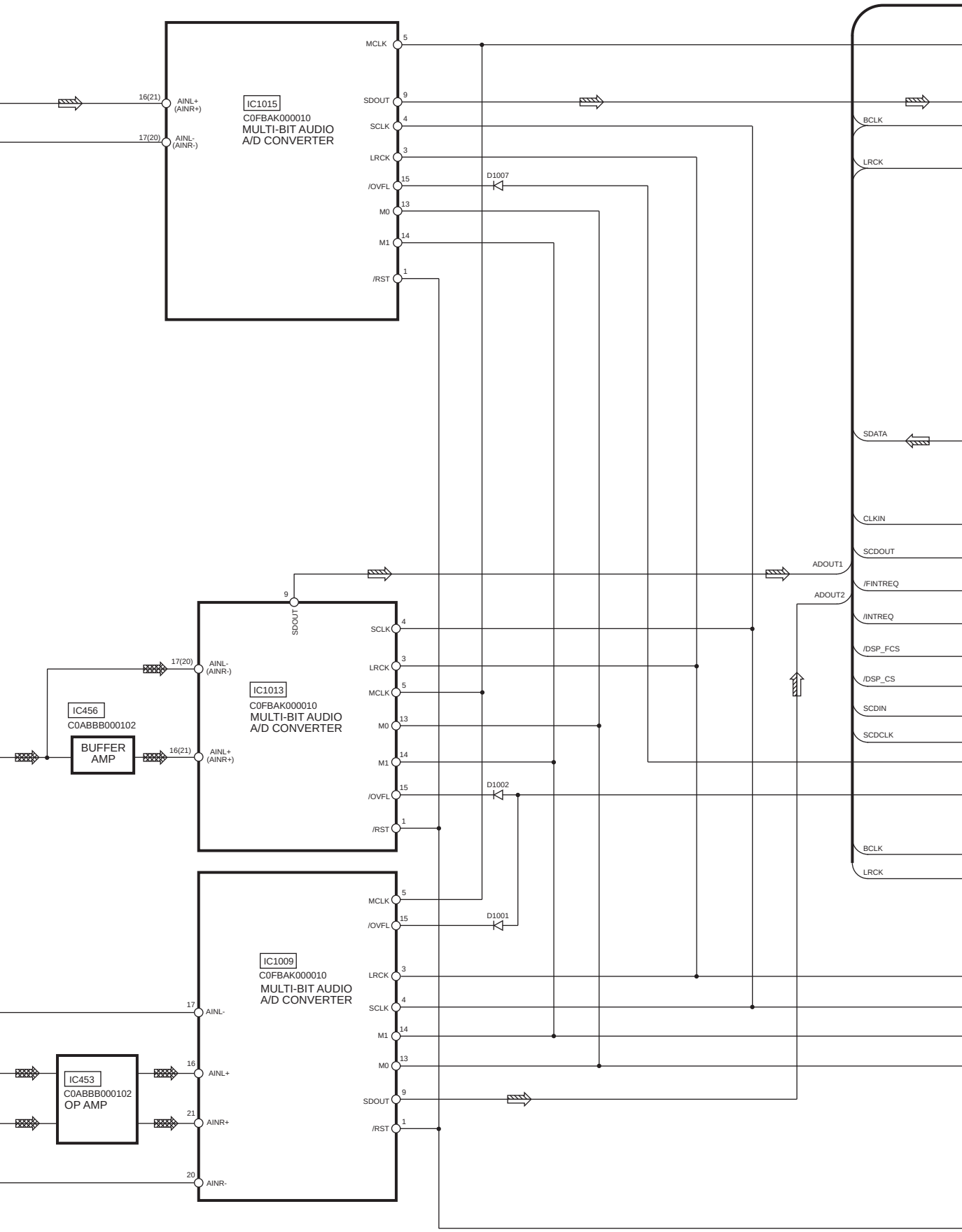
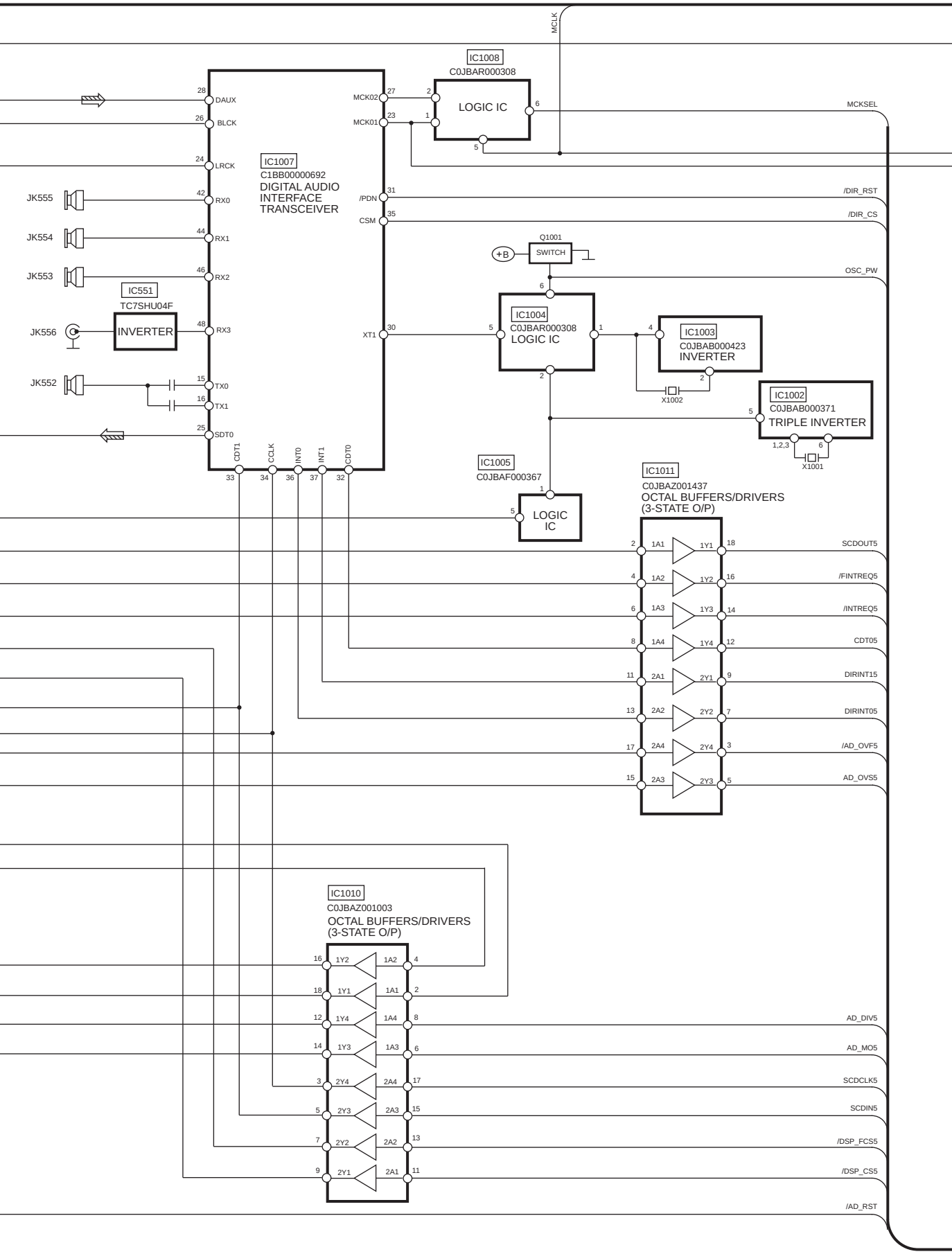
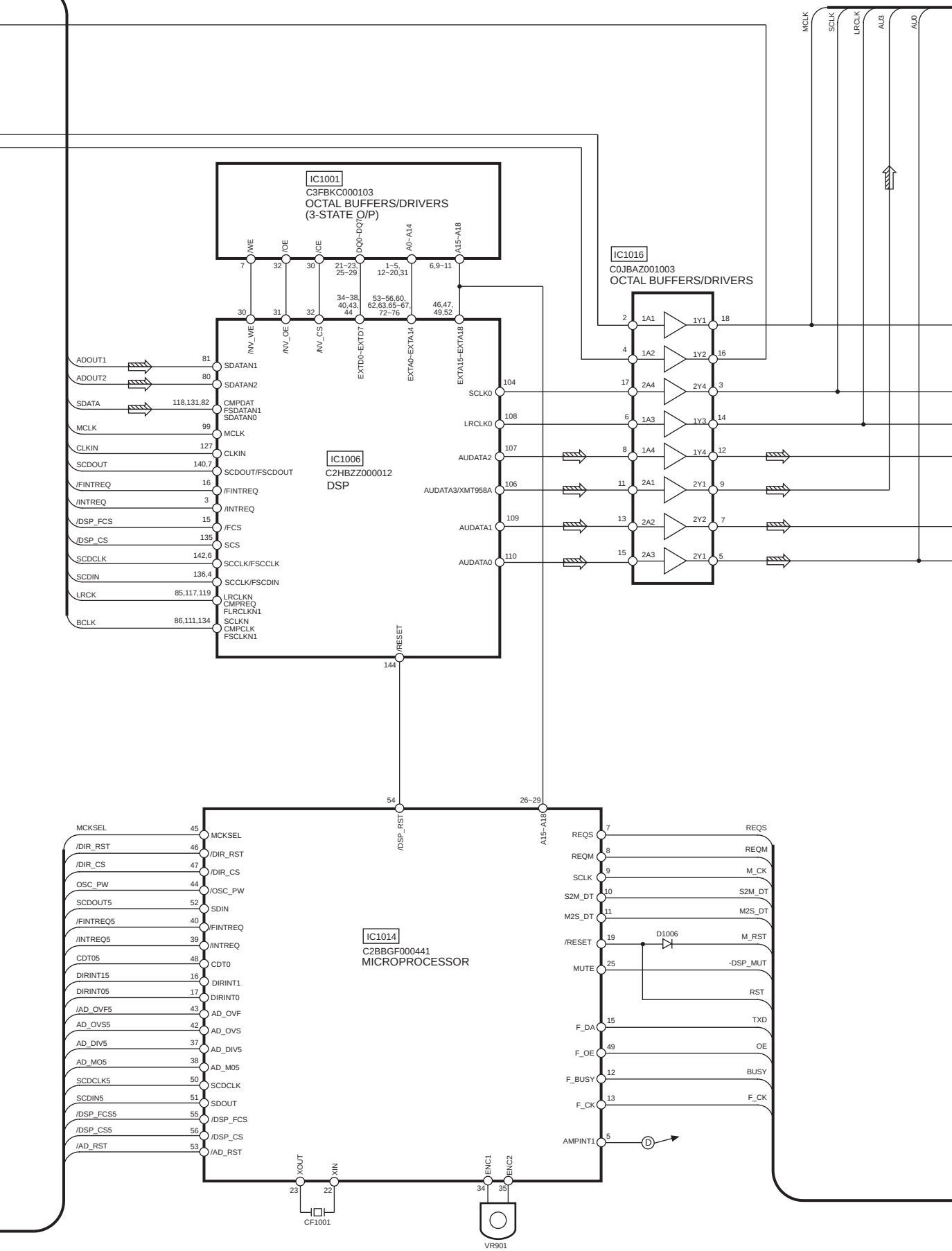

A DSP (Side A) P.C.B.
CN1001
CN1004
BLACK
PINK
WHITE
SOLDER SIDE
A DSP (Side B) P.C.B.
CN1002
CN1003
SOLDER SIDE
H VOLUME P.C.B.
W951
W993
GND (BLACK)
CN951
SOLDER SIDE
PbF
SENSOR
W992
GND (WHITE)
G LED P.C.B.
PbF
SOLDER SIDE
CN603
CN906
CN551B
CN907
CN951B
CN402B
BLUE W606
GRAY W606
BROWN W606
B MAIN P.C.B.
SOLDER SIDE
CN901
BROWN GRAY BLUE
CN601
CN602
CN605B
PbF
CN605A
W401
W602
W601
BROWN GRAY BLUE
CP606
T701 (POWER TRANSFORMER)
CN902
T751 (SUB-TRANSFORMER)
JK601
FRONT
JK602
CENTRE
JK603
SURROUND
JK701
AC IN
120V 60HZ
K POWER SUPPLY P.C.B.
PbF
SOLDER SIDE

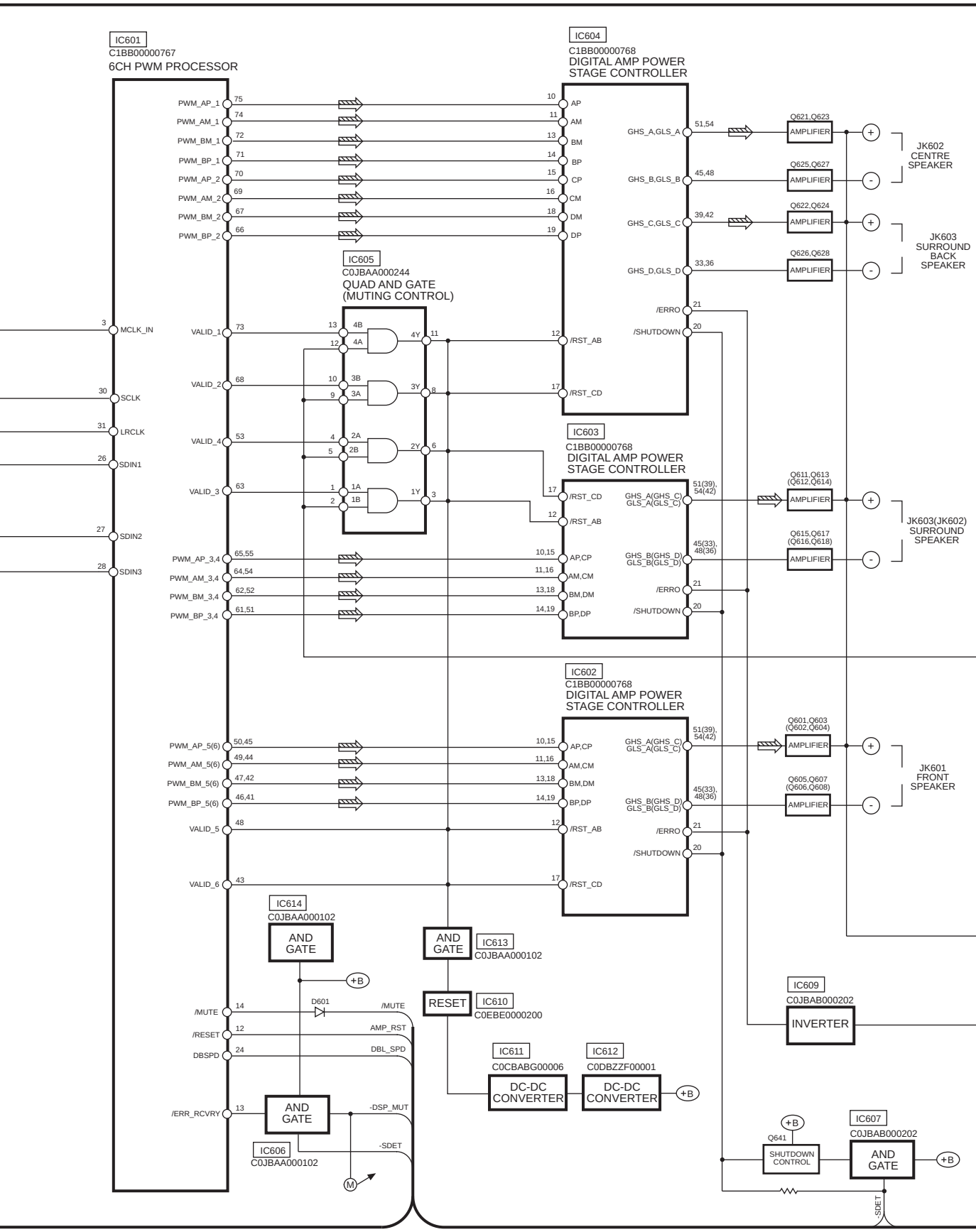

CD
TAPE REC OUT
TAPE IN
DVD/VCR OUT
DVD/VCR IN
TV IN
SW
CENTER
SW OUT
DVD IN
MON OUT
VCR OUT TV IN VCR IN
JK401
JK402
JK403
JK404
JK405
JK301
MON OUT
TV IN
DVD IN
JK321
SOLDER SIDE
C INPUT P.C.B.
CN404
CP102
W1001
W1004
CN402A
CP401
CN401
BLACK
PINK
WHITE
PbF
FAN
W901
W902
E FL DISPLAY P.C.B.
PbF
SOLDER SIDE
J OPTICAL P.C.B.
JK552
JK553
JK554
JK555
JK556
CN551A
PbF
SOLDER SIDE
TV MON
TV
DVD
DVR/VCR
JK362
JK361
I S_VIDEO P.C.B.
W404
PbF
SOLDER SIDE
F HEADPHONE P.C.B.
HEADPHONE
PbF
W991
GND
(YELLOW)
W603
SOLDER SIDE
D TUNER EXTENT P.C.B.
CN101
PbF
CP101
SOLDER SIDE
Tuner Pack

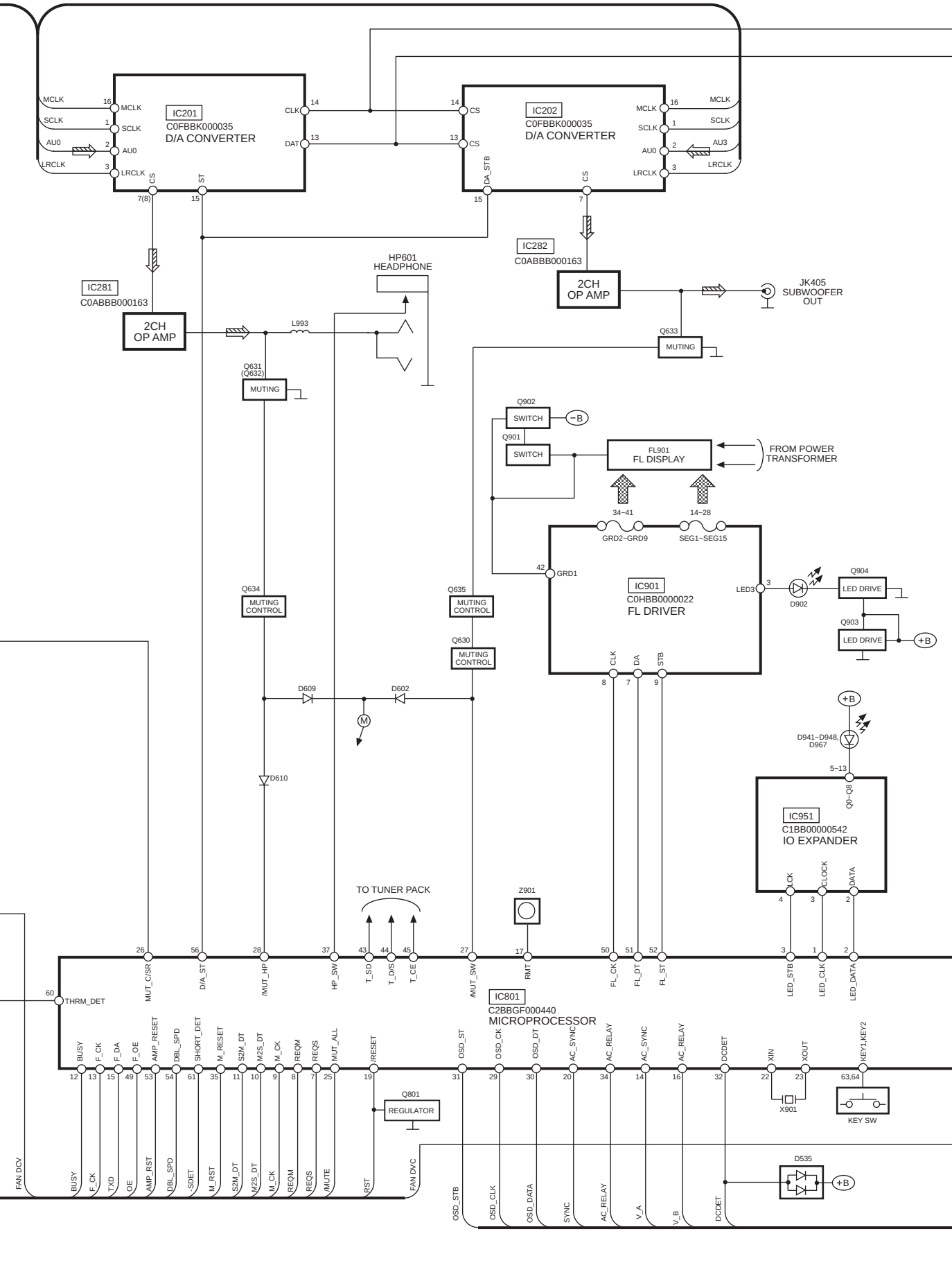

IC401
C0JZAS000002
ANALOG SELECTOR SWITCH
IC457
C0ABBB000125
IC458
C0ABBB000102
IC459
C0ABBB000102
OP AMP
OP AMP
OP AMP
JK402
VCR OUT
JK405
DVD
JK403
TV
JK403
VCR IN
JK402
TAPE IN
JK401
TAPE OUT
JK401
CD
5(26)
6(25)
2(29)
3(28)
4(27)
7(24)
9(22)
8(23)
10(21)
11(20)
12(19)
Q455
SWITCH
Q456
CONTROL SWITCH (ATTENUATION)
A
A/D_ATT
TUNER PACK
FROM IC801
LEVEL SHIFT
LATCH CIRCUIT
SHIFT REGISTER
ST
CK
DATA
14
16
17
SEL_STB
SEL_CLK
SEL_DATA
Q101
+B
LOW FREQ AMP
IC402
C0JBAS000170
SIGNAL SELECTOR
Q457
SWITCH
Q458
CONTROL SWITCH (ATTENUATION)
2ND MUTE
JK551
OP AMP
IC460
C0ABBB000125
IC455
C0ABBB000102
OP AMP
Q566
SWITCH
Q454
CONTROL SWITCH (ATTENUATION)
Q453
SWITCH
JK404
DVD SL(R)
OP AMP
IC454
C0ABBB000125
Q452
CONTROL SWITCH (ATTENUATION)
JK404
DVD C
JK404
DVD SW
IC451
C0ABBB000125
OP AMP
Q451
SWITCH
IC452
C0ABBB000102
OP AMP

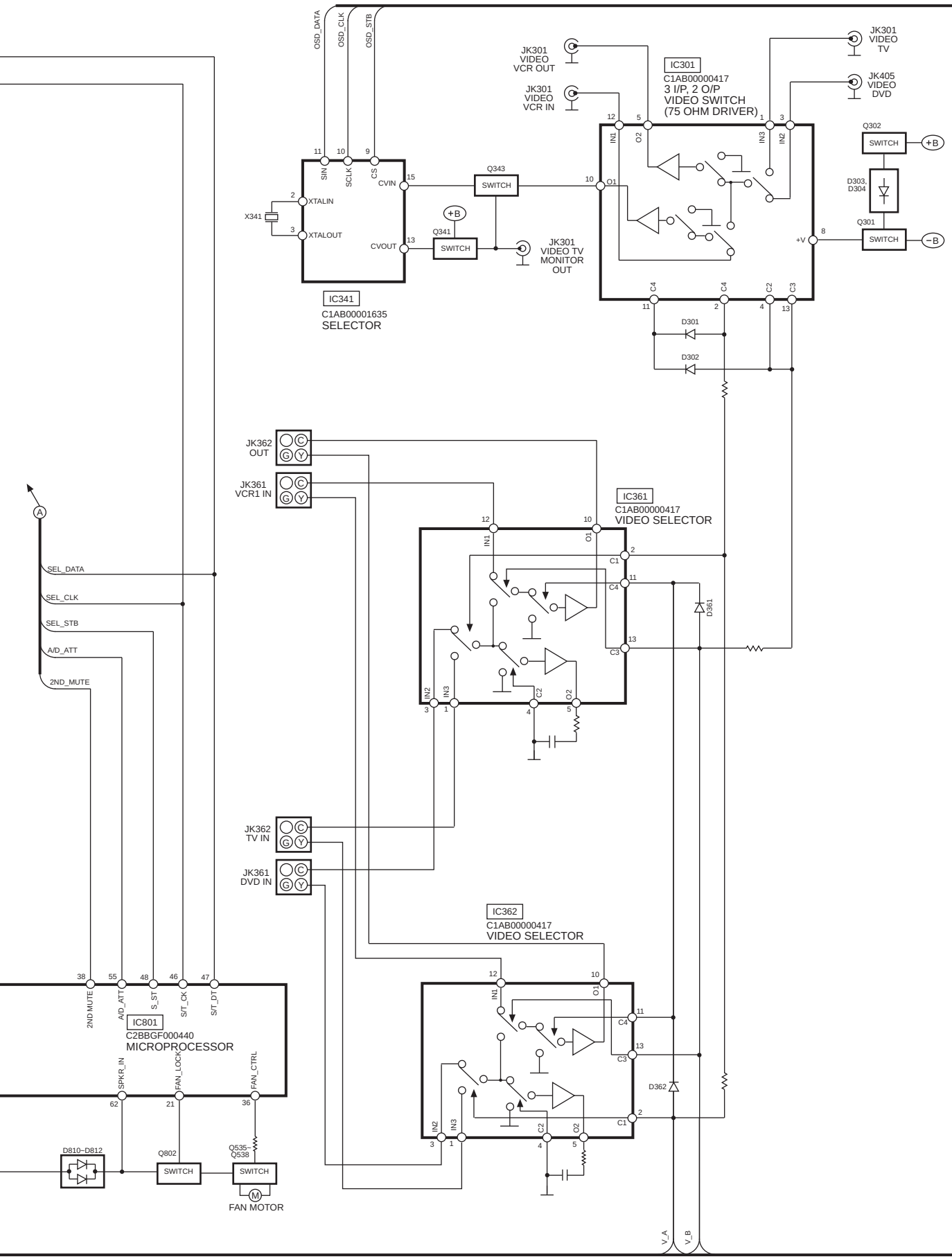

IC1015
C0FBAK000010
MULTI-BIT AUDIO
A/D CONVERTER
MCLK
SDOUT
SCLK
LRCK
/OVFL
M0
M1
/RST
AINL+
(AINR+)
AINL-
(AINR-)
16(21)
17(20)
D1007
IC1013
C0FBAK000010
MULTI-BIT AUDIO
A/D CONVERTER
IC456
C0ABBB000102
BUFFER
AMP
D1002
IC1009
C0FBAK000010
MULTI-BIT AUDIO
A/D CONVERTER
D1001
IC453
C0ABBB000102
OP AMP
AINL-
AINL+
AINR+
AINR-
BCLK
LRCK
SDATA
CLKIN
SCDOUT
ADOUT1
/FINTREQ
ADOUT2
/INTREQ
/DSP_FCS
/DSP_CS
SCDIN
SCDCLK


MCLK
IC1008
C0JBAR000308
LOGIC IC
MCKSEL
IC1007
C1BB00000692
DIGITAL AUDIO
INTERFACE
TRANSCEIVER
DAUX
BLCK
LRCK
RX0
RX1
RX2
RX3
TX0
TX1
SDT0
MCK02
MCK01
/PDN
CSM
XT1
CDT1
CCLK
INT0
INT1
CDT0
JK555
JK554
JK553
JK556
JK552
IC551
TC7SHU04F
INVERTER
/DIR_RST
/DIR_CS
Q1001
+B
SWITCH
OSC_PW
IC1004
C0JBAR000308
LOGIC IC
IC1003
C0JBAB000423
INVERTER
X1002
IC1002
C0JBAB000371
TRIPLE INVERTER
1,2,3
X1001
IC1005
C0JBAF000367
LOGIC IC
IC1011
C0JBAZ001437
OCTAL BUFFERS/DRIVERS
(3-STATE O/P)
1A1
1A2
1A3
1A4
2A1
2A2
2A4
2A3
1Y1
1Y2
1Y3
1Y4
2Y1
2Y2
2Y4
2Y3
SCDOUT5
/FINTREQ5
/INTREQ5
CDT05
DIRINT15
DIRINT05
/AD_OVF5
AD_OVS5
IC1010
C0JBAZ001003
OCTAL BUFFERS/DRIVERS
(3-STATE O/P)
AD_DIV5
AD_MO5
SCDCLK5
SCDIN5
/DSP_FCS5
/DSP_CS5
/AD_RST


MCLK
SCLK
LRCLK
AU3
AU0
IC1001
C3FBKC000103
OCTAL BUFFERS/DRIVERS
(3-STATE O/P)
/WE
/OE
/CE
DQ0–DQ7
A0–A14
A15–A18
7
32
30
21–23, 25–29
1–5, 12–20,31
6,9–11
30
31
32
34–38, 40,43, 44
53–56,60, 62,63,65–67, 72–76
46,47, 49,52
/NV_WE
/NV_OE
/NV_CS
EXTD0–EXTD7
EXTA0–EXTA14
EXTA15–EXTA18
IC1016
C0JBAZ001003
OCTAL BUFFERS/DRIVERS
1A1
1A2
2A4
1A3
1A4
2A1
2A2
2A3
1Y1
1Y2
2Y4
1Y3
1Y4
2Y1
2Y2
2Y1
2
4
17
6
8
11
13
15
18
16
3
14
12
9
7
5
ADOUT1
ADOUT2
SDATA
MCLK
CLKIN
SCDOUT
/FINTREQ
/INTREQ
/DSP_FCS
/DSP_CS
SCDCLK
SCDIN
LRCK
BCLK
81
80
118,131,82
99
127
140,7
16
3
15
135
142,6
136,4
85,117,119
86,111,134
SDATAN1
SDATAN2
CMPDAT
FSDATAN1
SDATAN0
MCLK
CLKIN
SCDOUT/FSCDOUT
/FINTREQ
/INTREQ
/FCS
SCS
SCCLK/FSCCLK
SCCLK/FSCDIN
LRCLKN
CMPREQ
FLRCLKN1
SCLKN
CMPCLK
FSCLKN1
IC1006
C2HBZZ000012
DSP
SCLK0
LRCLK0
AUDATA2
AUDATA3/XMT958A
AUDATA1
AUDATA0
104
108
107
106
109
110
/RESET
144
54
/DSP_RST
26–29
A15–A18
IC1014
C2BBGF000441
MICROPROCESSOR
MCKSEL
/DIR_RST
/DIR_CS
OSC_PW
SCDOUT5
/FINTREQ5
/INTREQ5
CDT05
DIRINT15
DIRINT05
/AD_OVF5
AD_OVS5
AD_DIV5
AD_MO5
SCDCLK5
SCDIN5
/DSP_FCS5
/DSP_CS5
/AD_RST
45
46
47
44
52
40
39
48
16
17
43
42
37
38
50
51
55
56
53
MCKSEL
/DIR_RST
/DIR_CS
/OSC_PW
SDIN
/FINTREQ
/INTREQ
CDT0
DIRINT1
DIRINT0
AD_OVF
AD_OVS
AD_DIV5
AD_M05
SCDCLK
SDOUT
/DSP_FCS
/DSP_CS
/AD_RST
REQS
REQM
SCLK
S2M_DT
M2S_DT
/RESET
MUTE
F_DA
F_OE
F_BUSY
F_CK
AMPINT1
7
8
9
10
11
19
25
15
49
12
13
5
REQS
REQM
M_CK
S2M_DT
M2S_DT
M_RST
-DSP_MUT
RST
TXD
OE
BUSY
F_CK
D1006
D
XOUT
XIN
23
22
CF1001
ENC1
ENC2
34
35
VR901


IC601
C1BB00000767
6CH PWM PROCESSOR
IC604
C1BB00000768
DIGITAL AMP POWER STAGE CONTROLLER
IC605
C0JBAA000244
QUAD AND GATE (MUTING CONTROL)
IC603
C1BB00000768
DIGITAL AMP POWER STAGE CONTROLLER
IC602
C1BB00000768
DIGITAL AMP POWER STAGE CONTROLLER
IC614
C0JBAA000102
AND GATE
IC613
C0JBAA000102
AND GATE
IC610
C0EBE0000200
RESET
IC609
C0JBAB000202
INVERTER
IC611
C0CBABG00006
DC-DC CONVERTER
IC612
C0DBZZF00001
DC-DC CONVERTER
IC606
C0JBAA000102
AND GATE
IC607
C0JBAB000202
AND GATE
Q641
SHUTDOWN CONTROL
D601
MCLK_IN
SCLK
LRCLK
SDIN1
SDIN2
SDIN3
PWM_AP_1
PWM_AM_1
PWM_BM_1
PWM_BP_1
PWM_AP_2
PWM_AM_2
PWM_BM_2
PWM_BP_2
VALID_1
VALID_2
VALID_4
VALID_3
PWM_AP_3,4
PWM_AM_3,4
PWM_BM_3,4
PWM_BP_3,4
PWM_AP_5(6)
PWM_AM_5(6)
PWM_BM_5(6)
PWM_BP_5(6)
VALID_5
VALID_6
/MUTE
/RESET
DBSPD
/ERR_RCVRY
AP
AM
BM
BP
CP
CM
DM
DP
/RST_AB
/RST_CD
AP,CP
AM,CM
BM,DM
BP,DP
/ERRO
/SHUTDOWN
GHS_A,GLS_A
GHS_B,GLS_B
GHS_C,GLS_C
GHS_D,GLS_D
GHS_A(GHS_C) GLS_A(GLS_C)
GHS_B(GHS_D) GLS_B(GLS_D)
AMPLIFIER
Q621,Q623
Q625,Q627
Q622,Q624
Q626,Q628
Q611,Q613 (Q612,Q614)
Q615,Q617 (Q616,Q618)
Q601,Q603 (Q602,Q604)
Q605,Q607 (Q606,Q608)
JK602 CENTRE SPEAKER
JK603 SURROUND BACK SPEAKER
JK603(JK602) SURROUND SPEAKER
JK601 FRONT SPEAKER
+B
AMP_RST
DBL_SPD
-DSP_MUT
-SDET
SDET


IC201
C0FBBK000035
D/A CONVERTER
IC202
C0FBBK000035
D/A CONVERTER
IC281
C0ABBB000163
2CH OP AMP
IC282
C0ABBB000163
2CH OP AMP
HP601
HEADPHONE
JK405
SUBWOOFER OUT
L993
Q631 (Q632)
MUTING
Q633
MUTING
Q634
MUTING CONTROL
Q635
MUTING CONTROL
Q630
MUTING CONTROL
Q902
SWITCH
Q901
SWITCH
FL901
FL DISPLAY
FROM POWER TRANSFORMER
34~41
14~28
GRD2~GRD9
SEG1~SEG15
IC901
C0HBB0000022
FL DRIVER
Q904
LED DRIVE
Q903
LED DRIVE
D902
D609
D602
D610
D941~D948, D967
IC951
C1BB00000542
IO EXPANDER
TO TUNER PACK
Z901
IC801
C2BBGF000440
MICROPROCESSOR
Q801
REGULATOR
X901
KEY SW
D535
THRM_DET
MUT_C/SR
D/A_ST
/MUT_HP
HP_SW
T_SD
T_D/S
T_CE
/MUT_SW
RMT
FL_CK
FL_DT
FL_ST
LED_STB
LED_CLK
LED_DATA
BUSY
F_CK
F_DA
F_OE
AMP_RESET
DBL_SPD
SHORT_DET
M_RESET
S2M_DT
M2S_DT
M_CK
REQM
REQS
MUT_ALL
/RESET
OSD_ST
OSD_CK
OSD_DT
AC_SYNC
AC_RELAY
AC_SYNC
AC_RELAY
DCDET
XIN
XOUT
KEY1,KEY2
FAN DCV
BUSY
F_CK
TXD
OE
AMP_RST
DBL_SPD
-SDET
M_RST
S2M_DT
M2S_DT
M_CK
REQM
REQS
/MUTE
RST
FAN DV/C
OSD_STB
OSD_CLK
OSD_DATA
SYNC
AC_RELAY
V_A
V_B
DCDET

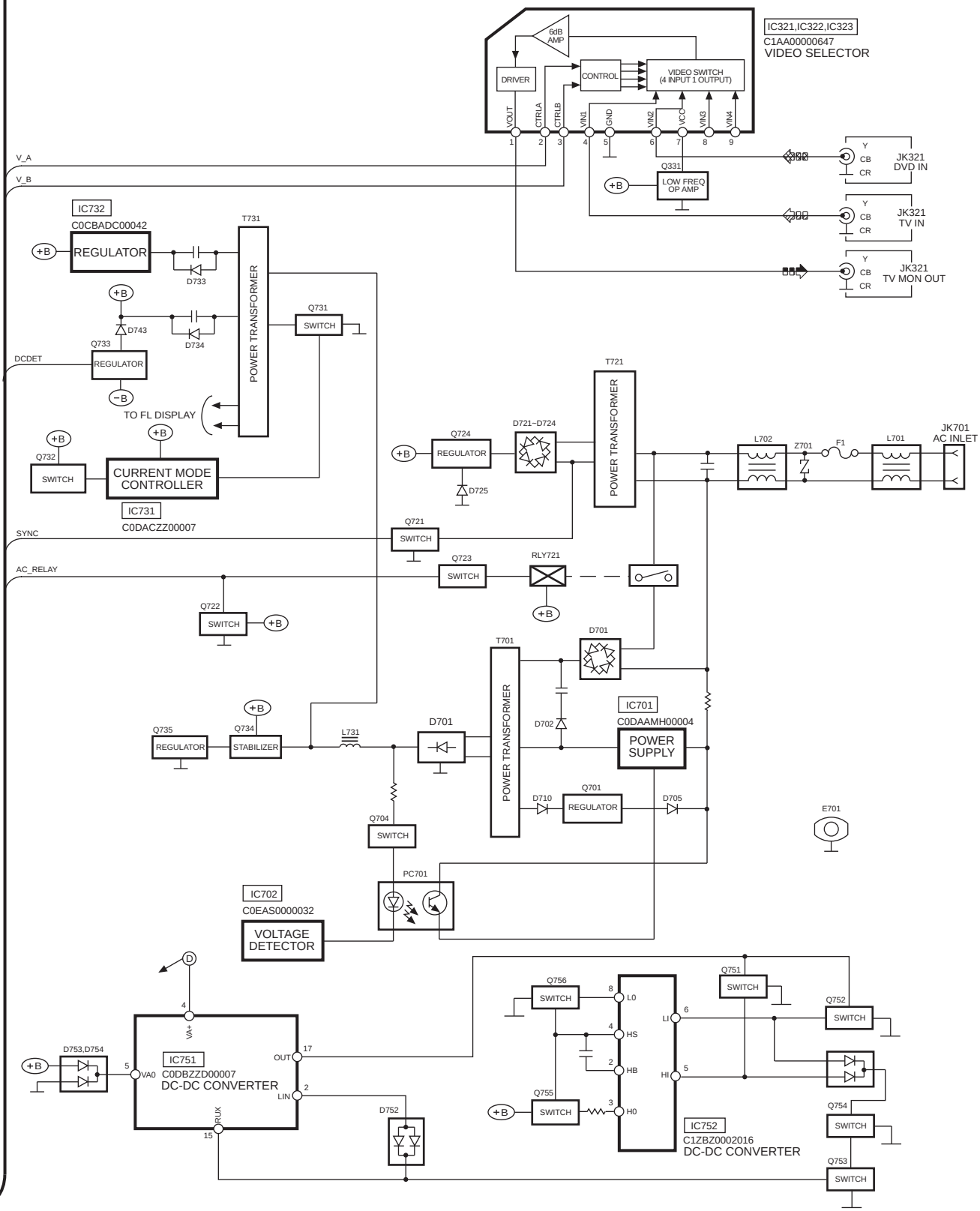

OSD_DATA
OSD_CLK
OSD_STB
JK301 VIDEO VCR OUT
JK301 VIDEO VCR IN
IC301
C1AB00000417
3 I/P, 2 O/P VIDEO SWITCH (75 OHM DRIVER)
JK301 VIDEO TV
JK405 VIDEO DVD
Q302
SWITCH
+B
D303, D304
Q301
SWITCH
−B
+V
SIN
SCLK
CS
CVIN
CVOUT
XTALIN
XTALOUT
X341
Q343
SWITCH
Q341
SWITCH
JK301 VIDEO TV MONITOR OUT
IC341
C1AB00001635
SELECTOR
D301
D302
JK362 OUT
JK361 VCR1 IN
IC361
C1AB00000417
VIDEO SELECTOR
D361
JK362 TV IN
JK361 DVD IN
IC362
C1AB00000417
VIDEO SELECTOR
D362
SEL_DATA
SEL_CLK
SEL_STB
A/D_ATT
2ND_MUTE
IC801
C2BBGF000440
MICROPROCESSOR
SPKR_IN
FAN_LOCK
FAN_CTRL
D810−D812
Q802
SWITCH
Q535−Q538
SWITCH
FAN MOTOR
V_A
V_B

SIGNAL LINES

: MAIN SIGNAL LINE
: FM/AM SIGNAL LINE
: DVD (AUDIO) SIGNAL LINE
: DVD VIDEO SIGNAL LINE
: TV SIGNAL LINE
: VIDEO SIGNAL LINE

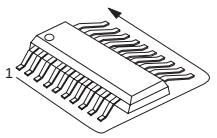
( ) Indicates Pin No. of Right Channel

Note : Signal Lines are applicable to the Left Channel only.

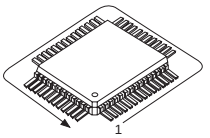


C0JBAZ001003 (20p)
C0JBAB000371 (8p)
C0JBAZ001437 (20p)
C0JZAS000002 (30p)
C0JBAA000244 (14p)
C1BB00000768 (58p)
C0FBBK000035 (16p)
C1AB00000417 (14p)

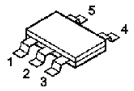
C0ABBB000163 (8p)
C0FBAK000010 (24p)
C0JBAF000367 (8p)
C0JBAR000308 (8p)
C0ABBB000125 (8p)
C0JBAS000170 (30p)
C1AB00001635 (24p)



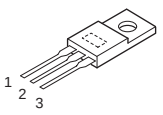
C2HBZZ000012 (144p)
C0HBB0000022 (44p)
C1BB00000767 (80p)
C2BBGF000441 (64p)
C2BBGF000440 (64p)
C1BB00000692 (48p)



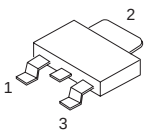
C0JBAB000423
C0JBAB000202
TC7SHU04F
COJBAA000102



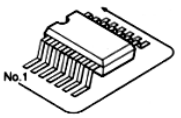
C0EAS0000032



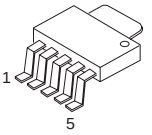
C0CBABG00006



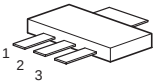
C1BB00000542 (18p)
C0DBZZD00007 (24p)



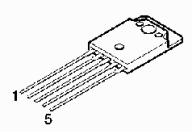
C0DBZZF00001



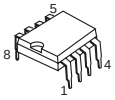
C0CBADC00042



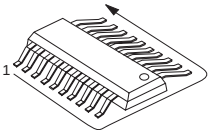
C0DAAMH00004



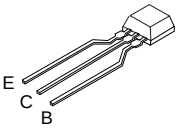
C0ABBB000102
C0DACZZ00007
C1ZBZ0002016



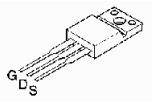
C1AA00000647 (14p)



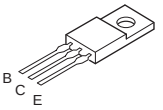
2SC3311ARTA



B1DEGL000004
B1DEGF000001



B1BACJ000005



UNR211500L
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B1GDCFJN0001
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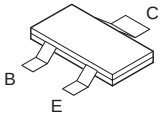

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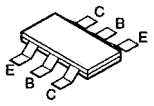

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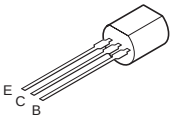

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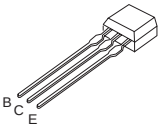

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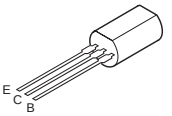

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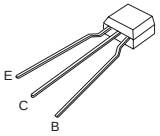

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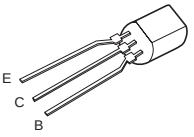

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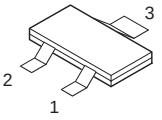

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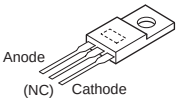

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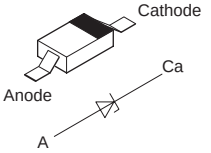

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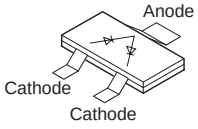

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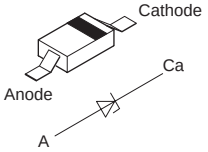

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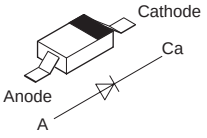

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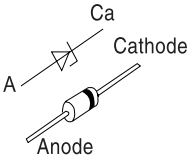

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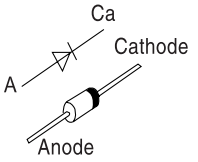

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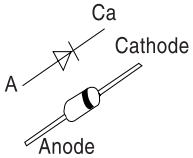

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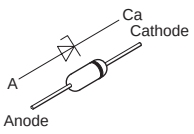

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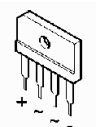

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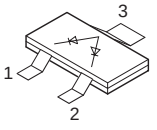

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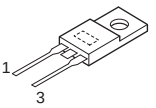

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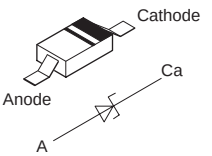

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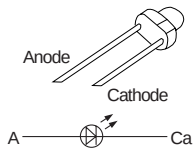

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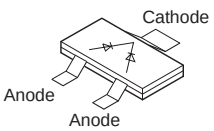

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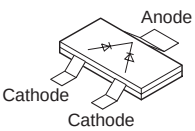

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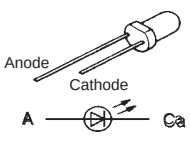

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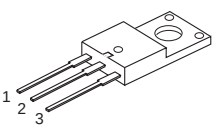

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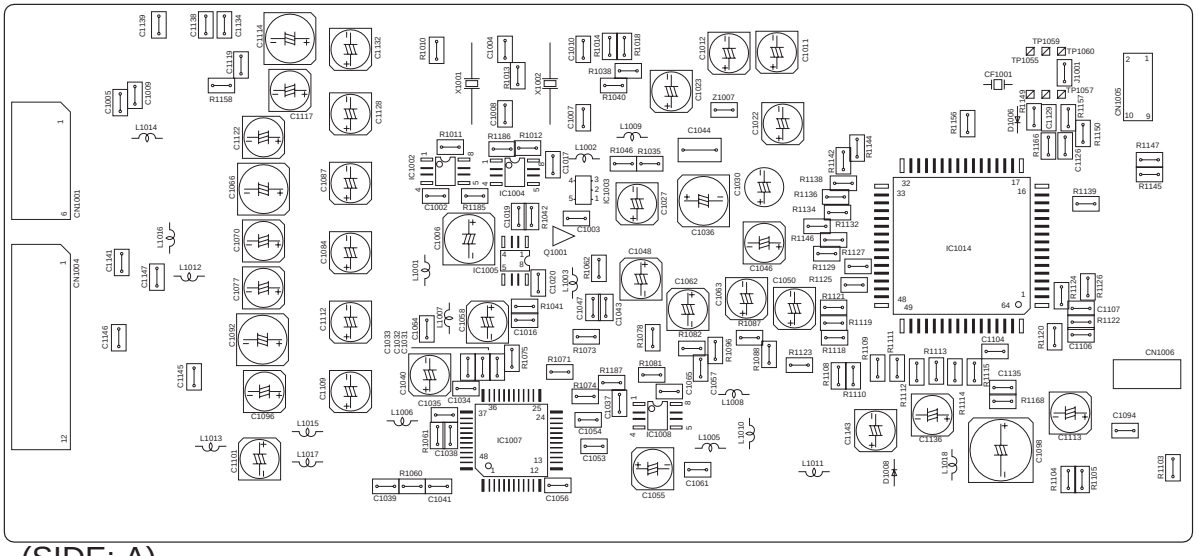

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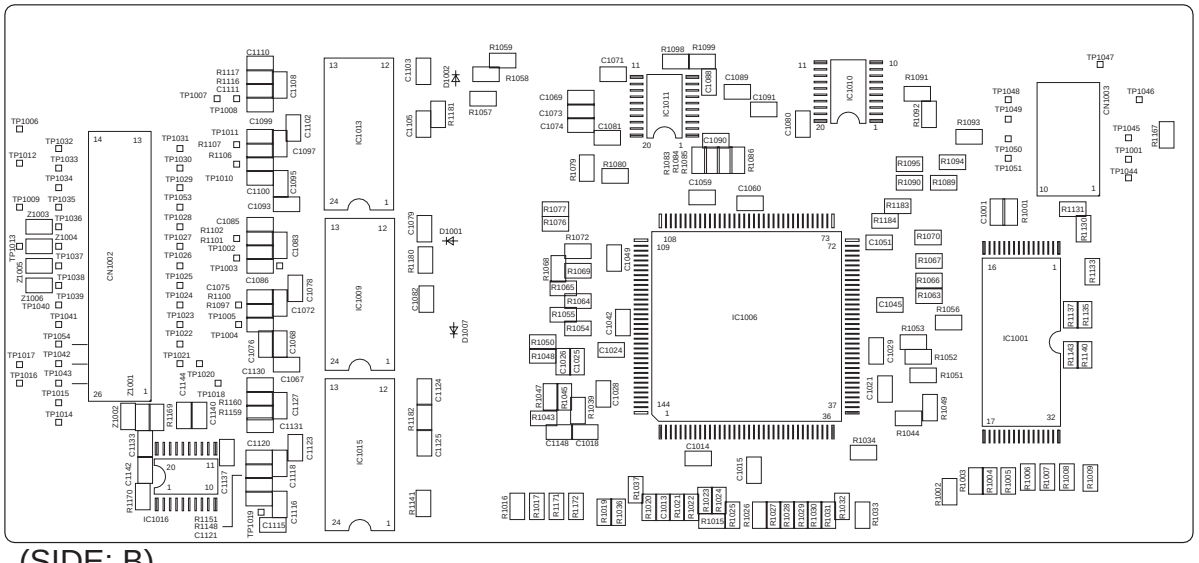
A DSP P.C.B (REP3484C-T)



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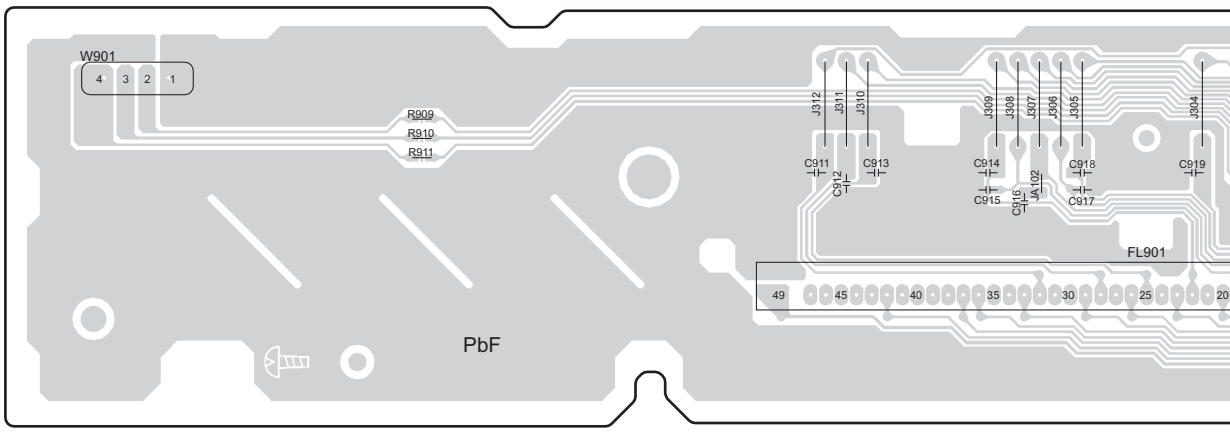
E FL DISPLAY P.C.B. (REP3482D-S)



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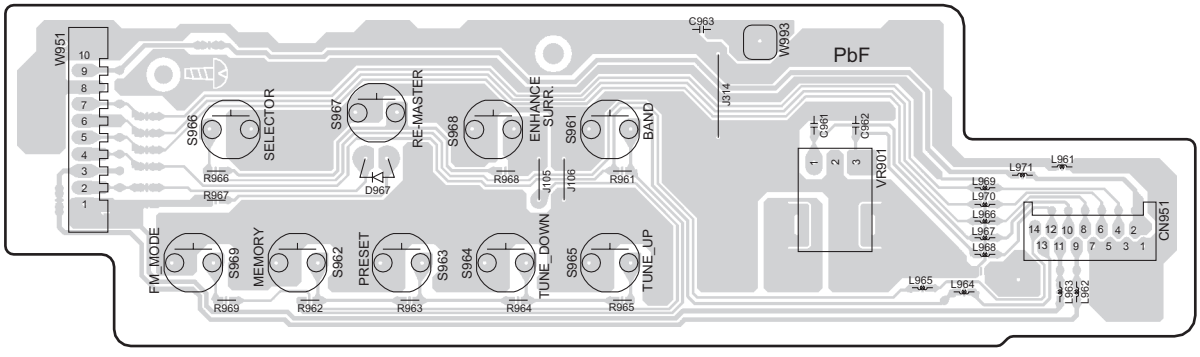

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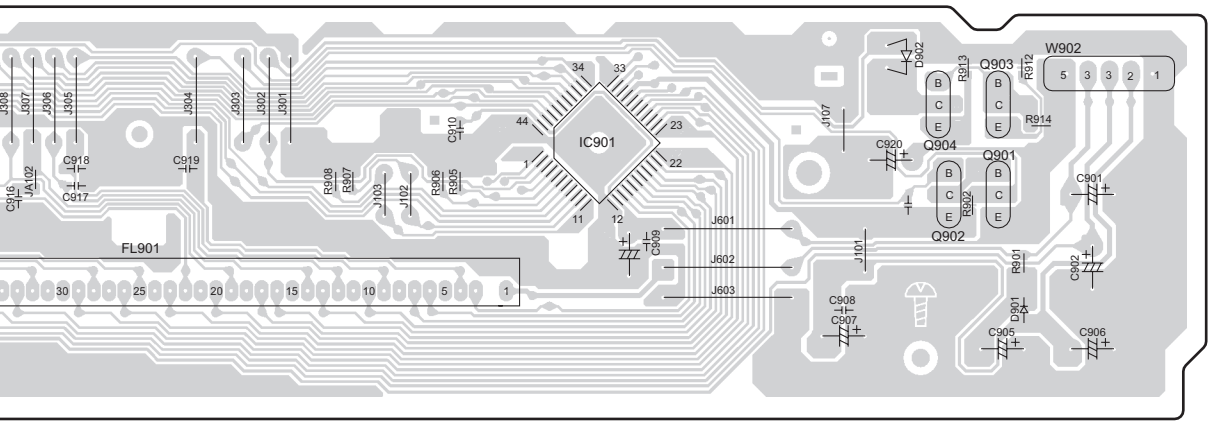

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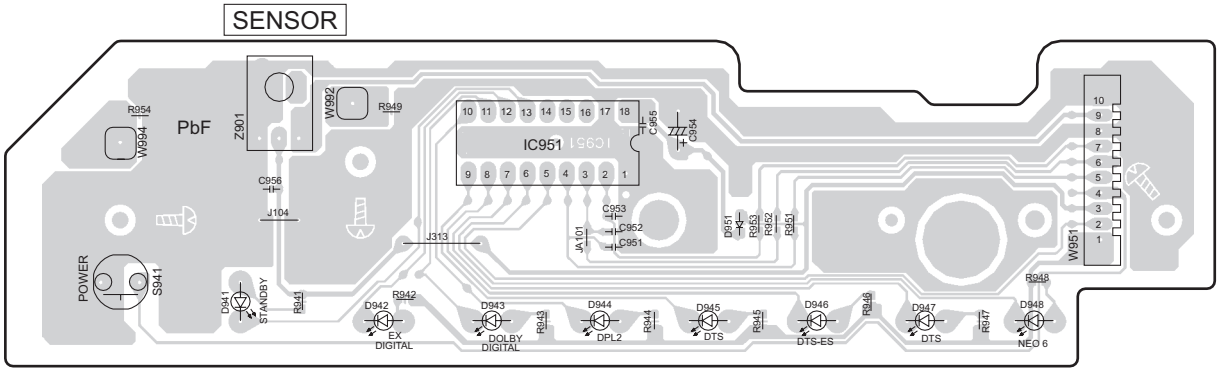

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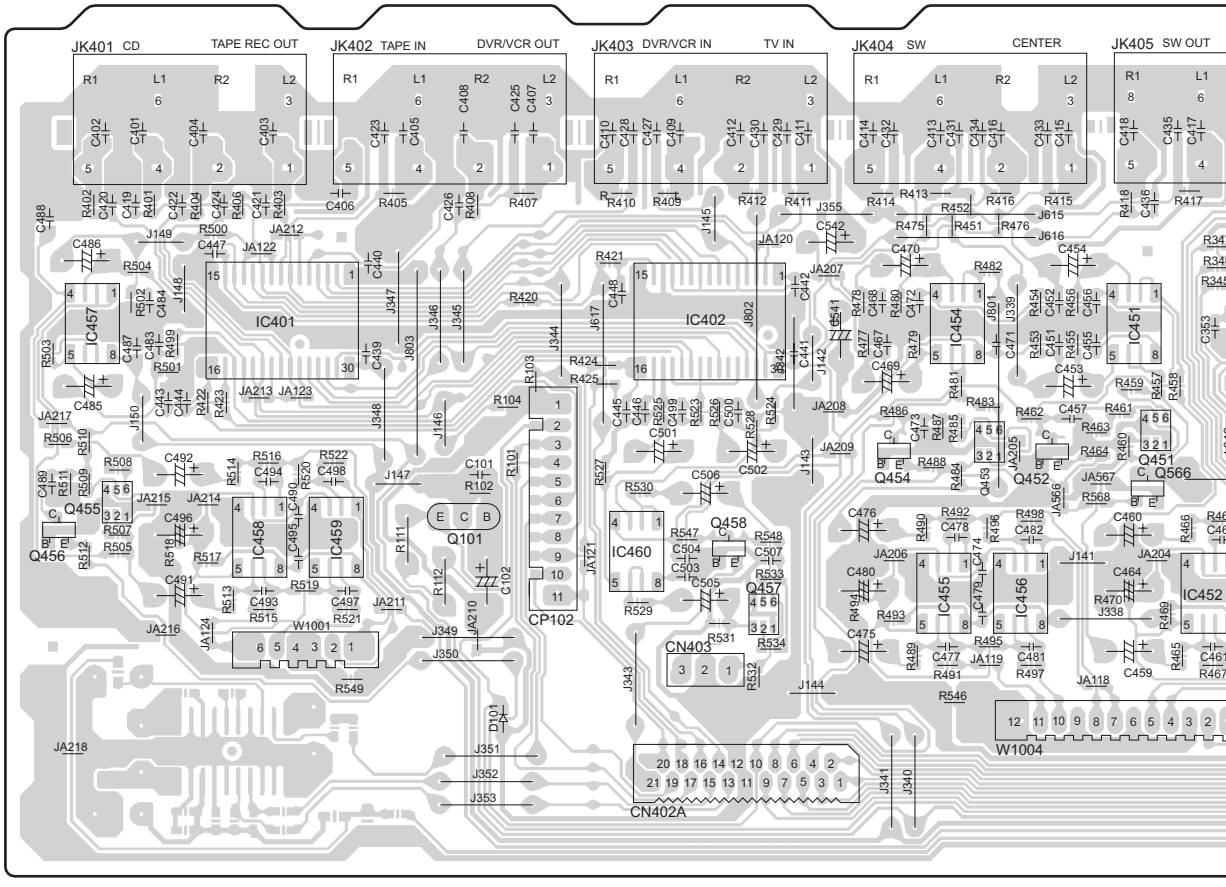
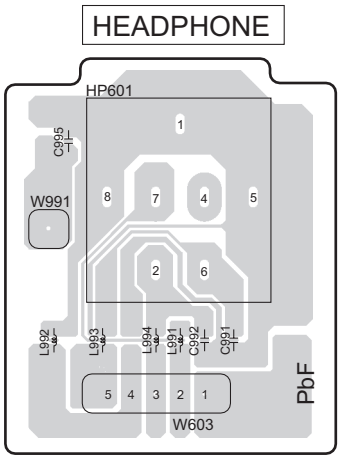
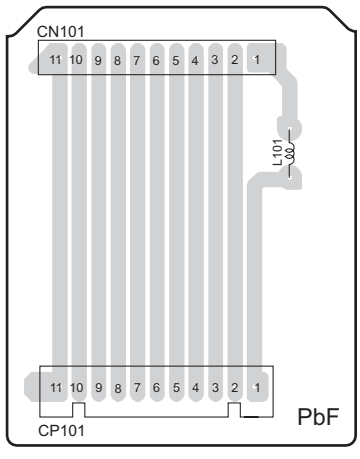


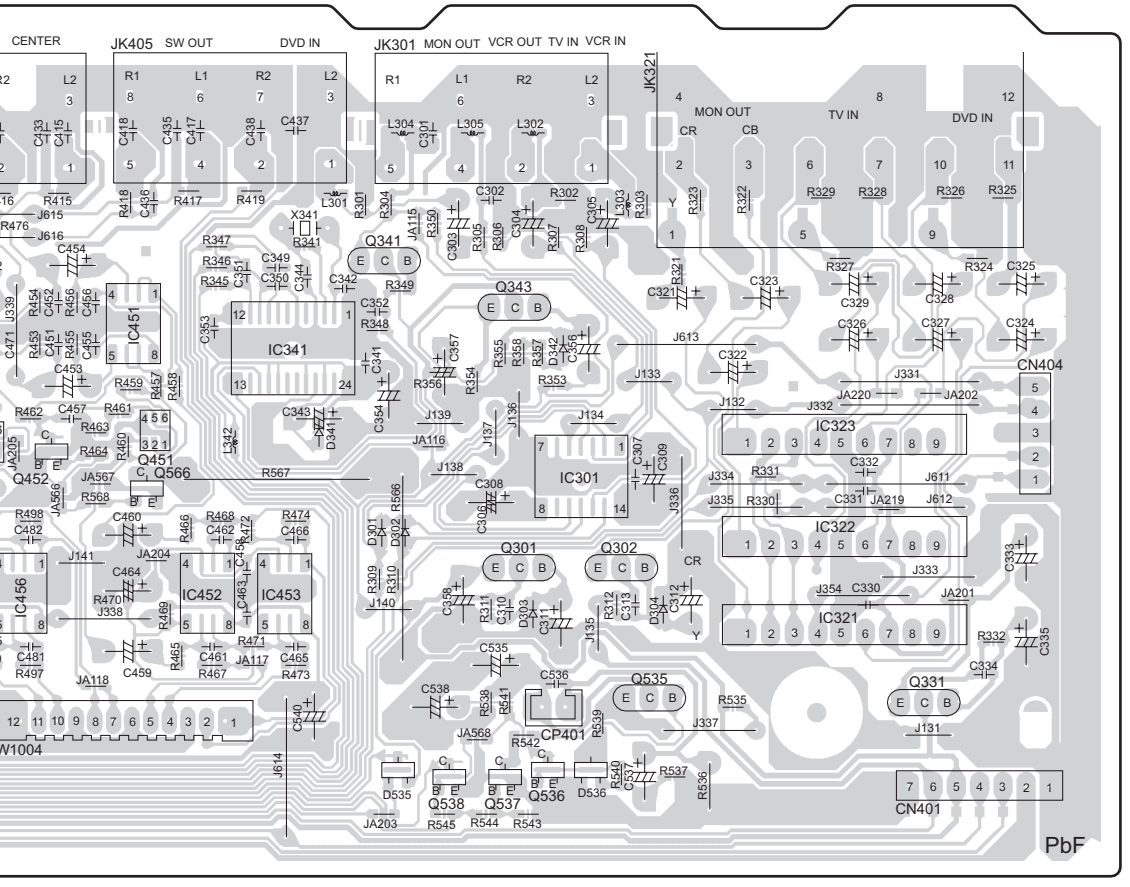
F HEADPHONE P.C.B. (REP3482D-S)



D TUNER EXTENT P.C.B. (REP3482D-S)



G H I J K L M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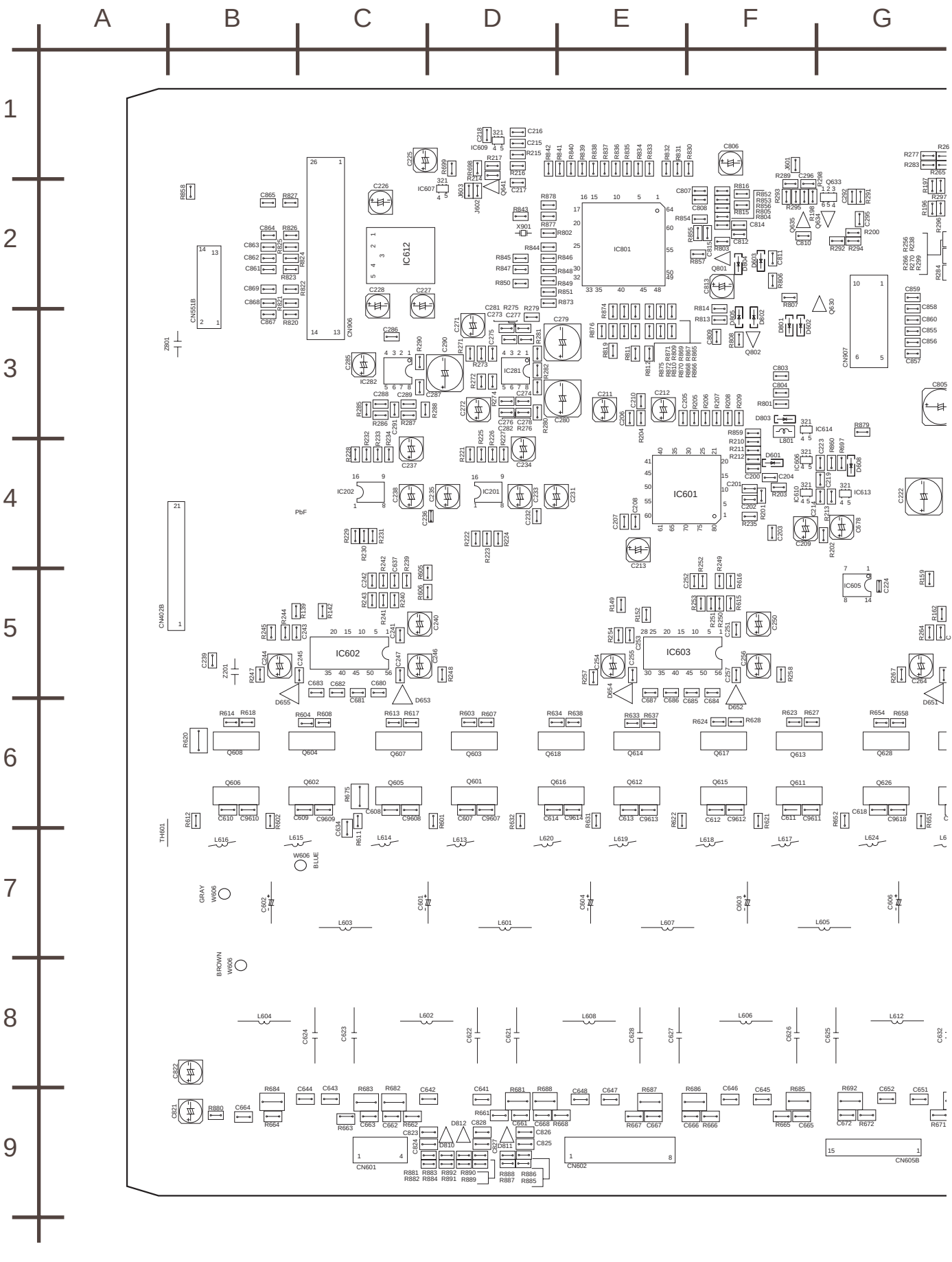
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G H I J K L M

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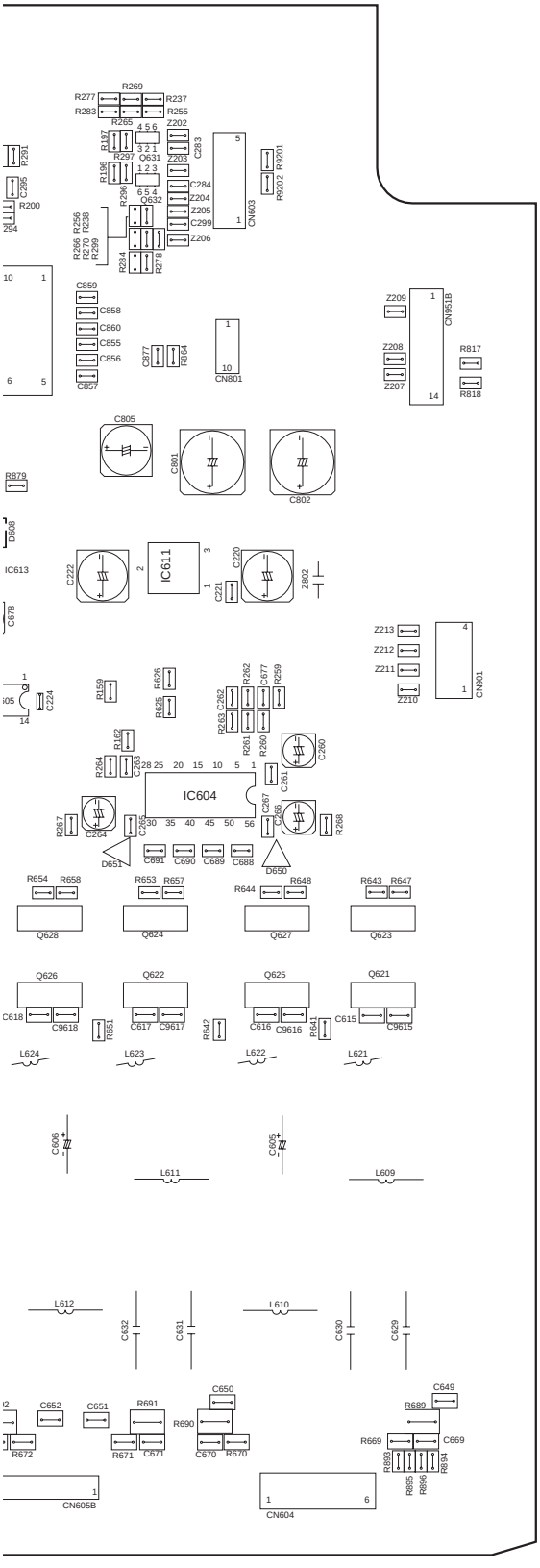

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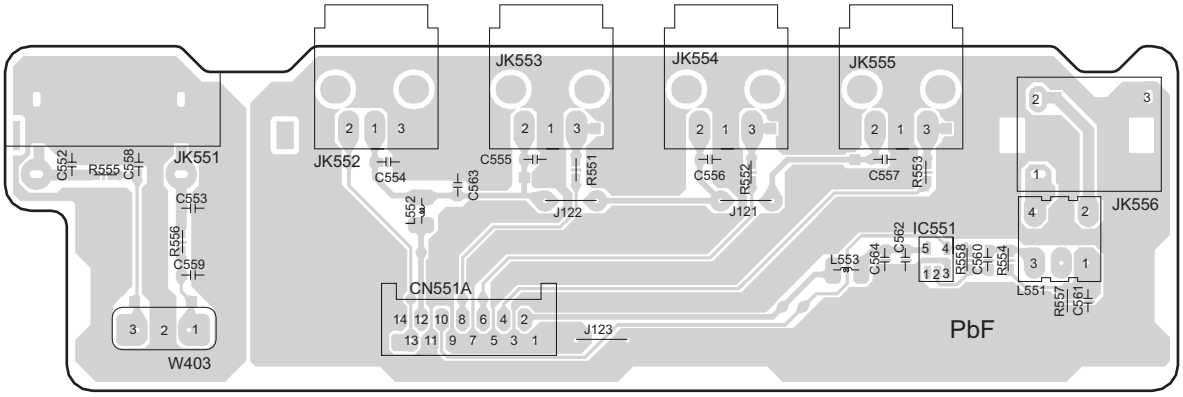

I S_VIDEO P.C.B. (REP3482D-S)